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FINE STRAINS OF
SEEDS
FOR FLORISTS
AND NURSEYMEN

WHOLESALE
CATALOG
1938

THE **MARTIN-PRATT SEED** CO.
PAINESVILLE, OHIO

NAME

of Seed Department
Changed

The Martin-Pratt Seed Co. is the new name resulting from the incorporation of the Seed Department of the Joseph F. Martin Company. There is involved no change in ownership, management or address. The Martin-Pratt Seed Co. will handle the seed business under the personal attention of Mr. Martin and Mr. Pratt.

Inquiries for seeds and bulbs will be handled by the Martin-Pratt Seed Co., those for hardy plants by the Joseph F. Martin Nursery. Your letters addressed to either name will be properly handled to your best advantage.

To facilitate our bookkeeping, we would appreciate your remittances being made out to the department for which they are intended.

Signed:

JOSEPH F. MARTIN
P. C. PRATT

A Most Complete Catalog of Hardy Plants

Is yours for the asking. Our spring 1938 edition will be ready about February 15th. If you are not receiving this book regularly, you are missing out on a really excellent perennial catalog which you need.

Whether you grow hardy plants for cut flower purposes or for resale, this book will help you to extra profits.

We are listing at reasonable prices an outstanding assortment of good quality hardy plants suitable for floral arrangements and also picture many of the latest designs as suggestions.

Ask us to reserve a copy for you to be mailed as soon as ready. In the meantime, Mr. Martin will be glad to give your inquiries regarding perennial plants his own personal attention.

THE JOSEPH F. MARTIN CO.

Business Terms and Conditions

5% Discount for Cash with Order

This applies to seeds and bulbs as quoted in this catalog except as otherwise specifically noted. Special quotations on larger quantities than quoted herein, of course, subject to such discounts as are quoted by letter.

This Catalog Is For Commercial Growers Only

You are entitled to these wholesale prices if you are a commercial florist grower, or a nursery man. It is to protect you who are engaged in these occupations that we wish to limit the distribution of this catalog to commercial growers only.

Charge Accounts

Charge accounts are open to those who are known to us and to others who will furnish us with satisfactory credit references. When asking for charge accounts kindly write on your business letterhead and give the name of your bank and two or three members of the horticultural trade with whom you have done business. Remember that a few days time is necessary for us to open new accounts.

Shipping Instructions

When ordering material not to be sent by parcel post be sure to give complete shipping instructions, as to method of delivery and destination.

Flower Seeds Are Postpaid

We will prepay the postage on all flower and vegetable seeds listed in this catalog.

Claims for Adjustments

Must be entered at once, within 5 days after receipt of goods. For damage in transit it is of course necessary for you to file claim with the transportation company and we will aid you in that. We are very careful about the quality of the stock shipped our customers, and in cases of complaint you will find us very fair in making adjustments. The Martin-Pratt Seed Co. gives no warranty, express or implied, as to description, quality, purity, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be responsible in any way for the crop.

THE MARTIN-PRATT SEED CO., PAINESVILLE, OHIO

A Message of Good Will

From the Martin-Pratt Seed Co.

To Our Florist and Nurseryman Friends:

For 1938 we wish you a year both of personal happiness and of real good prosperous business. May we all give our best efforts to that end.

We are sending you this catalog believing that you will find it an excellent list from which to purchase your seed requirements. For we are providing through this catalog seeds of the very finest quality to be obtained, and at entirely reasonable and fair prices.

Although our costs of all most every kind have advanced during the past months, we have not, in the average, advanced our prices, realizing that our customers are not in a position to pay more than is absolutely necessary for the seeds that are really the first step in the making of a crop. We have again carefully checked our list of varieties, adding many worth while new strains, and eliminating others that are losing in popularity. Of some varieties there was clearly not enough seed harvested to fully supply the demand, so we urge placing your order just as soon as you possibly can.

We sincerely appreciate the business you have given us in the past and assure you of our continued efforts to please you.

THE MARTIN-PRATT SEED CO.

Success

With Our Seeds Is Assured Because---

1. Our original sources of supply are very carefully selected for extra value, not price. We pay premiums for real fine selections.
2. We carry on germination tests the year around in our own greenhouses and outdoor frames.
3. We conduct adequate type tests in our trial grounds and general nursery.
4. Every order is handled personally by a financially responsible member of our company.



The above snapshots were taken in our Trial Grounds.
We welcome all visitors who are interested in checking and comparing varieties.

Fine Annual Seeds

The following pages offer you one of the most complete and carefully chosen lists of Annual seeds ever presented to the American Florist and Nurseryman. We believe it will fit the needs of the most exacting in choice of varieties and in the quality of the strains.

PERENNIAL SEEDS are listed separately on pages 26 to 40 inclusive



Ageratum, Blue Ball, Best Dwarf Variety

Ageratum

Dwarf Strains. Our strains will come a high percentage true from seeds, though some roguing is always necessary in the real dwarf varieties.

Fairy Pink. A soft salmon rose pink. The dwarf plants (5 to 6 inches high) are covered with the attractive blooms. Tr. Pkt. 35c.

Blue Ball Reselected. Free blooming deep rich blue, compact plants 8 to 10 inches tall. We especially recommend this strain. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.40.

Blue Cap. Very dwarf, flowers smaller and of a lighter shade of blue. 1/8 oz. 30c, 1/4 oz. 55c, 1/2 oz. \$1.00, oz. \$3.50.

Little Blue Star. Dwarfest of all. Small flowers of rosy blue. 1/8 oz. 25c, 1/4 oz. 40c, 1/2 oz. 75c, oz. \$2.40.

Semi-dwarf Varieties. For borders, beds, or cutting.

Imperial White. 1/8 oz. 15c, 1/4 oz. 25c, oz. 75c.

Blue Perfection. Large deep blue flowers on compact bushy plants 15 to 18 inches tall. 1/8 oz. 15c, 1/4 oz. 25c, oz. 75c.

Purple Perfection. Similar to Blue Perfection in growth, but flowers of rich purple. 1/8 oz. 20c, 1/4 oz. 30c, oz. \$1.00

Swanley Blue. Fine bright azure blue. 1/8 oz. 15c, 1/4 oz. 25c, oz. 75c.

Tall Varieties for cutting.

Tall Blue—1/4 oz. 20c, oz. 60c.

Tall White—1/4 oz. 20c, oz. 60c.

Abronia, Sand Verbena

Umbellata Grandiflora. A pretty semi-trailing plant with bright rosy flowers in verbena-like heads, blooming practically all summer. 1/4 oz. 15c, oz. 40.

Abutilon, Flowering Maple

Hybridum Maximum. A splendid pot plant and the strain we offer produces extra large, finely colored flowers. Sow seed in the spring for the following winters bloom. Give bottom heat and a porous soil of rather low fertility. Tr. Pkt. 35c, 1/2 oz. \$1.00.

Acroclinium, Everlasting

One of the prettiest of the everlasting strawflowers.

New Large Flowering Double Hybrids, new shades and much larger flowers. 1/4 oz. 25c, oz. 75c.

Agatheia, Blue Daisy

Coelestis. The lovely, free flowering blue Marguerite. 1/8 oz. 25c, 1/4 oz. 40c, oz. \$1.25.

Amaranthus, Foliage Plants

Molten Fire. The showiest Amaranth. Upper leaves scarlet, lower maroon. 1/8 oz. 20c, 1/4 oz. 35c, oz. \$1.20.

Tricolor, Joseph's Coat. 1/4 oz. 15c, oz. 50c.
Pygmy Torch. Only 10 inches tall, nice for beds or borders. Crimson spikes. 1/4 oz. 15c, oz. 40c.

Ammobium, Everlasting

Grandiflorum White. A dainty strawflower with silvery white flowers, each with contrasting yellow center. 1/4 oz. 15c, oz. 40c.

Alyssum

Procumbens, Carpet of Snow. An excellent dwarf strain, each plant a low mound absolutely covered with bloom. 1/4 oz. 20c, oz. 60c, 1/2 lb. \$1.80.

Little Gem. Dwarf. Erect. 1/4 oz. 15c, oz. 50c, 1/2 lb. \$1.50.

Lilac Queen Improved. Improved in uniformity and depth of coloring. 1/4 oz. 20c, oz. 60c, 1/2 lb. \$1.80.

Sweet White. Semi-trailing. 1/4 oz. 10c, oz. 25c, 1/2 lb. 75c.



Alyssum Procumbens, Carpet of Snow

Anagallis

Very pretty border or bedding plant that deserves popularity. Plants set fairly close make a solid mass of color, 9 to 10 inches tall.

Grandiflora Blue. **Grandiflora Red.**
Either color or mixed—Tr. Pkt. 20c, oz. 75c.

Annual Anchusa

Valuable for their pretty blue flowers for cutting.

Capensis. Azure blue, 2 ft. 1/4 oz. 15c, oz. 40c.

Blue Bird. Better for garden display, being slightly more compact, of a rich indigo blue. 18 inch. 1/4 oz. 20c, oz. 70c.

Arctotis, African Daisy

Grandis, Lavender Daisy. Light lavender with steel blue central disk, long stems for cutting. 1/4 oz. 15c, oz. 50c.

Large Flowered Hybrids. Very showy in shades of red and orange. Lower growing than Grandis. Tr. Pkt. 35c, 1/2 oz. 75c.

Asclepias

Curassavica (Blood Root). An annual variety with orange flowers. About 2 ft. high. Good for cutting. 1/4 oz. 20c, oz. 70c.

Asparagus

The care we use in getting hand picked plump seed, which is well matured, assures purchasers of good germination.

Plumosus Nannus—100 seeds 25c, 250 seeds 40c, 500 seeds 75c, 1000 seeds \$1.00, 5000 seeds \$4.00. 1 oz. 80c.

Sprengerl—100 seeds 20c, 250 seeds 35c, 500 seeds 65c, 1000 seeds \$1.00, 5000 seeds \$4.00, oz. 80c.

Antirrhinum

Forcing Strains

A list of varieties of proven value to the Florist. A sowing of seed in January will produce plants ready to set in March and flower in May.

Rose and Pink Shades

Cheviot Maid, early standard, Tr. Pkt. \$1.00.

Cheviot Maid Supreme, deeper than original, Tr. Pkt. \$1.00.

Cincinnati, light rose pink, Tr. Pkt. \$1.00.

Daybreak. Briarcliff Rose shade. Tr. Pkt. \$1.50.

Happiness, excellent spring bloomer, Tr. Pkt. \$1.00.

Peggy Schumann. A new early, soft shade of medium pink. Tr. Pkt. \$2.00.

Radance. Very early deep pink. Tr. Pkt. \$1.00.

Rose Queen, best deep rose, later than Cheviot Maid, Tr. Pkt. \$1.00.

Winter Helen. Salmon pink. Tr. Pkt. \$1.00.

White Varieties

Bezdek's White. Wonderful new white variety. An early and continuous winter bloomer. Tr. Pkt. \$2.00.

Captor. Long stemmed white. Tr. Pkt. \$1.50.

Lucky Strike, early white, Tr. Pkt. \$1.00.

Marion White. Extra large spikes on sturdy stems. Tr. Pkt. \$1.50.

White Rock, early standard, Tr. Pkt. 50c.

Yellow Varieties

Celestial. Deeper than Ceylon. Tr. Pkt. \$1.50.

Ceylon Court, early bright, Tr. Pkt. \$1.00.

Coates Yellow Perfection, deeper in shade and later than Ceylon, Tr. Pkt. \$1.00.

Marion Golden, a new deep golden yellow, Tr. Pkt. \$1.50.

Yellow Cheviot Maid (Volz). Bright yellow, a shade deeper than Ceylon Court. Early. Tr. Pkt. \$1.50.

Gold and Bronze Shades

Afterglow, deeper in shade and later than Sun Tan, Tr. Pkt. \$1.00.

Kirkwood Beauty, new good cropping golden bronze, Tr. Pkt. \$1.00.

New Dawn. Golden orange, continuous. Tr. Pkt. \$1.00.

New Deal, early gold bronze, Tr. Pkt. \$1.00

Roman Gold, excellent for late crop, gold and pink. Tr. Pkt. 50c.

Sunset, golden bronze, Tr. Pkt. \$1.50.

Sun Tan, very early and free flowering, Tr. Pkt. \$1.00.

Terry's Surprise Improved, deep pink with orange bronze lip, Tr. Pkt. \$1.50.

Unusual Shades

Bertha Baur, lavender, Tr. Pkt. \$1.50.

New Orchid, lovely orchid shade. Blooms with Cheviot Maid Supreme. Tr. Pkt. \$2.00.

Velvet Beauty, crimson, Tr. Pkt. \$1.00.

Forcing Strains Mixed, Tr. Pkt. \$1.00.

Antirrhinum

Snapdragons

Valuable to the Florist as cut flowers and bedding plants

**OTHER SPLENDID
RUST PROOF STRAINS**

Majus Grandiflorum Tall Varieties
Autumn Glow Shades. Old rose suffused with amber, golden lip.
Harmony Shades. Terra cotta and yellow shaded rose.
Orange Shades. Deep to light orange.
Any above three—Tr. Pkt. 25c, ¼ oz. 40c, ¼ oz. 75c, oz. \$2.50.

New Rust Proof Super Majestic Mixed. A superb type as a cut flower, for bedding or any garden purpose. Because of the greater length of the flower spikes, the plants are slightly taller than the standard Majestic type. Contains a magnificent range of colors. **Tr. Pkt. 35c, ¼ oz. 80c, ¼ oz. \$1.50.**

Rust Proof Mediums

Nanum Grandiflorum Varieties

Excellent for bedding. Well branched if properly pinched back.

Carmine Rose. Bright carmine rose with yellow lip.

Garnet. Rich, velvety crimson.

Glowing Sunset. Lower half of blossom velvety scarlet, the upper half with definite rose tinge. Very free flowering.

Indian Girl. Beautiful old gold shade.

Light Salmon Pink. Very attractive shades.

Orange Shades. Deep to light orange.

Red Boy. Rich deep scarlet, similar to Majestic Red Chief.

Wildfire. Dazzling orange scarlet with yellow lip.

Any above—Tr. Pkt. 25c, ¼ oz. 50c, oz. \$1.50.

Nanum Grandiflorum Rust Proof Mixed. With excellent color range. **¼ oz. 25c, ¼ oz. 45c, oz. \$1.30.**



Antirrhinum, Rust Proof Maximum Copper Shades

Most Popular Snaps

New Varieties for 1938

Swing Time. A lovely new variety, rose pink, with just a touch of yellow and a white tube. It is a magnificent grower with extra large flowers closely spaced on a tall spike. **Tr. Pkt. 50c.**

Yellow Giant. The deepest yellow yet offered in Snapdragons, being several shades deeper than Canary Bird. Good habit, with large spikes. **Tr. Pkt. 50c.**

Rust Proof Maximums

These are the tall giant flowering varieties that are the best for outdoor cutting. They are also the type most in demand for plant sales. Our selection of varieties, we believe, includes the best in the market. Although new, our trials show they now run very true as to color and type. If you wish only a limited list of varieties, choose varieties marked (*).

***Alaska.** Free flowering large pure white.

Apple Blossom. Huge blossoms of light pink, white throat.

Campfire. Luminous deep scarlet red with touch of yellow on lip.

***Canary Bird.** Similar to that fine yellow in the Standard Maximum group. Finest rust proof yellow.

Christmas Candle. The lips are a bright, flame color with throat of waxy cream.

Copper King. Burnished copper with golden blotch on lower lip.

***Copper Shades.** Shows a considerable range from deep rich velvety copper orange to the lightest coppery old gold.

***Crimson.** Crimson over orange. Best deep red.

***Loveliness.** Pure soft rose pink.

Red Cross. Crimson with white tube.

***Salmon Rose Shades.** Best deep rose. This strain is very tall growing and we predict it will be among the most popular of all Snaps.

Shasta. Pure white with type and habit of forcing Ceylon Court.

All above varieties. Tr. Pkt. 25c, ¼ oz. 50c, ¼ oz. 90c, oz. \$3.00.

Rust Proof Maximum Mixed. Superior to any mixture yet introduced and including a real wide range of good colors. **Tr. Pkt. 25c, ¼ oz. 40c, ¼ oz. 70c, oz. \$2.40.**

Standard Strains

Majus Grandiflorum — Tall Varieties

Excellent cutting varieties nearly as tall as Maximums.

	¼ oz.	¼ oz.	oz.
Autumn Glow. Old rose and Terra Cotta	.25	.45	1.50
Cardinal. Dazzling red	.25	.45	1.50
Crimson King. Rich deep shade	.20	.35	1.00
Fire King. Golden Orange.	.25	.45	1.50
Golden King. Golden yellow.	.20	.35	1.00
Harmony. Orange shaded rose.	.25	.45	1.50
Pink Domino. Clear rose pink, white throat	.25	.45	1.50
Queen Victoria. Best pure White.	.20	.35	1.00
Rose King. Deep rose	.20	.35	1.00
Majus Grandiflorum Mixed.	.15	.25	.75



Giant Maximum Antirrhinum for Cutting

Standard Strains

Giant Maximum Varieties

The largest flowering and tallest growing of all Snapdragons. Under normal conditions they grow 2½ to 3 feet high.

Apple Blossom. Delicate pink, white throat.

Apricot Queen. Lovely apricot pink shade.

Canary Bird. Clear bright yellow.

Cattleya (Orchid). Silvery lilac shade.

Coral Rose. Orange and pink.

Indian Summer (Copper King). Copper orange scarlet.

Old Gold. Combination gold and apricot.

Purple King. Deep reddish purple.

Salmon Rose. Rose with salmon tone.

Sunnybrook. Copper bronze shaded salmon.

Maximum Improved White. Fine and large.

The Rose. Begonia rose.

Any above maximum varieties — Tr. Pkt. 20c, ¼ oz. 40c, oz. \$1.40.

Antirrhinum Maximum Mixed "Martin's Excellent". A real mixture blended from named varieties. **Tr. Pkt. 20c, ¼ oz. 35c, 1 oz. \$1.20.**

Nanum Grandiflorum Half Tall

The plants stand up well without support, 15 to 18 inches tall, they bloom freely and for a long season.

***Royal Rose.** Brilliant rich rose absolutely outstanding. **Tr. Pkt. 35c, ¼ oz. \$1.20.**

***St. George.** Another fine new variety, a golden orange cerise color that fairly dazzles. **Tr. Pkt. 35c, ¼ oz. \$1.20.**

Amber Queen. Amber, suffused chamois.

Climax. Orange shading yellow in lip.

Defiance. Orange scarlet.

Empress. Velvety crimson.

Firebrand. Scarlet, brighter than Empress.

Golden Queen. Clear yellow.

Madonna Improved. The finest white.

Mauve Queen. Lilac mauve or orchid.

Nelrose. Best deep rose pink.

Silver Pluk. Pearly pink self. Very fine.

Any above variety—¼ oz. 20c, ¼ oz. 30c, oz. \$1.00.

Medlam Mixed "Martin's Excellent." Our special blending to give you the very best that a mixture can be. **¼ oz. 20c, ¼ oz. 30c, oz. 90c.**



Our Wilt Resistant Amerlean Branching White



Aster, California Giant Light Blue

Asters Wilt Resistant and Standard Strains

American Branching

Wilt Resistant

Also called Vlecks or Semple's Branching

We have an excellent strain of this standard late branching type and a full color selection of wilt resistant varieties. Plants 2½ to 3 ft. high, branching, with fine large double flowers.

Azure Blue (Dark Lavender)	Peach Blossom Purple
Coppery Rose	Sensation Scarlet
Crimson	Shell Pink
Light Rose	White, extra fine

Any variety ⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.
Finest Mixed ⅛ oz. 25c, ¼ oz. 40c, oz. \$1.25.

Early Royal

Wilt Resistant

In season of bloom right after the Queen of Market and some prefer this type. Plants branching 1½ to 2 ft. high.

Azure Blue (Dark Lav.)	Purple, deep
Deep Rose	Shell Pink
Peach Blossom (Lav. pink)	White

Finest Mixed
Any color or mixed—⅛ oz. 25c, ¼ oz. 45c, oz. \$1.60.



Plant of Improved Queen of Market

Crego or Improved Giant Branching Comets

The Best of the Giant Comet Type
Wilt Resistant

Similar to Giant Branching Comet class with branching plants about 2½ ft. tall. Flowers large, fully double and well formed. In season midsummer about same as American Branching.

Blue Flame. New true blue shade. Earlier than the others of this type.

Azure Blue	Peach Blossom Pink
Cattleya, Orchid	Shell Pink
Crimson	Purple or Dark Blue
Deep Rose	White

Any variety—⅛ oz. 30c, ¼ oz. 50c, oz. \$1.75

Finest Mixed ⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50

Salmon Queen, Wilt Resistant. Comet type of flower, plant upright and non branching. ⅛ oz. 30c, ¼ oz. 50c, oz. \$1.75.

Two New Colors

Enchantress,
Wilt Resistant Crego

A lively shade of salmon rose, entirely new to Aster. An excellent shade for Florists or gardeners. Flowers large and of good substance. Tr. Pkt. 35c, ⅛ oz. 75c, ¼ oz. \$1.40.

Illusion,
Wilt Resistant Comet

Soft pastel shade of Apricot Pink, fine for cutting. Plants upright free blooming. Cut the whole plant as a unit for best results. Tr. Pkt. 35c, ⅛ oz. 75c, ¼ oz. \$1.40.

Martin's Special Mixture

Wilt Resistant Types

Contains practically all types and colors available in Wilt Resistant strains. ⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Improved Queen of the Market

Wilt Resistant

The most useful type for early market coming into bloom immediately after the Early Express with much finer flowers. Plants of branching habit 1½ to 2 ft. high.

Blush Pink.	Peach Blossom.	Scarlet
Dark Blue or Purple		Crimson
Flesh Pink.	Light delicate pink.	White
Light Blue, Lavender		
Bright Violet.	Reddish purple.	

Any above—⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.
Finest Mixed—⅛ oz. 25c, ¼ oz. 40c, oz. \$1.25.

NOTE: Since a good rose color in Wilt Resistant Queen of Market is not available we offer in the ordinary strain. Rose which is light rose or deep pink at ⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Improved Giants of California

A very fine cut flower type for Florists. A magnificent class, the plants growing 3 ft. high, non-lateral branching, having extremely long stiff stems. The flowers are very large of the Crego type with broad graceful petals curled and interlaced. The blooming season is late, from midsummer until frost.

Apple Blossom	Light Purple
Deep Rose	White
Light Blue	

Any above colors ⅛ oz. 25c, ¼ oz. 45c, ½ oz. 75c, oz. \$2.50.

Crimson. (New) Brilliant shade of clear crimson. ⅛ oz. 35c, ¼ oz. 60c, ½ oz. \$1.00.

Dark Purple, Wilt Resistant. The only wilt resistant color in this type. ⅛ oz. 30c, ¼ oz. 50c, ½ oz. 90c, oz. \$3.00.

Giants of California. Finest Mixed ⅛ oz. 25c, ¼ oz. 40c, ½ oz. 75c, oz. \$2.25.

American Beauty

Wilt Resistant

Long stemmed flowers of excellent substance, large and fully double. Plants 2½ to 3 ft. high. Blooming season from early August until frost.

Azure Blue	Deep Rose
Purple	Crimson
White	Shell Pink

Any color—⅛ oz. 30c, ¼ oz. 55c, oz. \$1.75.
Finest Mixed. ⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Early Beauty Asters

Wilt Resistant

This type is similar to the American or Late Beauties, but about 10 days earlier.

- Azure Fairy Purple, Dark Blue
- Crimson Sept. Beauty, Pink
- Deep Rose White

Any Color, 1/8 oz. 30c, 1/4 oz. 55c, oz. \$1.75.
Early Beauty Mixed, 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Asterum, Wilt Resistant

Comet or Crego type of flower, but they are early, blooming in mid-August. Plants 15 to 18 inches tall, upright branching, full of good sized thrifty double flowers.

- Lavender or Blue White
- Rose Pink Mixed

Any Color or Mixed—1/8 oz. 30c, 1/4 oz. 50c, oz. \$1.50.

Peony Flowered Giant Mammoth

Another superb florist strain with very large fully double flowers of the Beauty type. Long stout non-lateral stems. The flowers have substance to last well after cutting so this class is admirable for shipping or market. Same season as Giants of California and plants 2 1/2 to 3 ft. tall.

- Azure Fairy. Clear azure blue.
- Maiden's Blush. Delicate flesh pink.
- Peach Blossom. Lovely shade, peach pink.
- Purple Robe, New, deep blue purple.
- Rosebud. Clear deep rose.
- Silvery Rose. Lighter than Rosebud.
- Swansdown. Pure White.
- Any variety—1/8 oz. 25c, 1/8 oz. 40c, 1/4 oz. 75c, oz. \$2.50.
- Peony Flowered Mixed—1/8 oz. 25c, 1/8 oz. 40c, 1/4 oz. 70c, oz. \$2.25.
- Silvery Rose, Wilt Resistant, 1/8 oz. 30c, 1/4 oz. 55c, 1/4 oz. \$1.00, oz. \$3.00.



Showing Type of Tall Upright Branching

Aurora

Golden Sheaf Wilt Resistant

The richest and deepest yellow aster ever offered. The fully double flowers have an attractive crested center of quilled lacy petals. The flowers last well when cut. Plant 2 ft. high, fairly early to bloom (late August). 1/8 oz. 20c, 1/8 oz. 35c, 1/4 oz. 60c, oz. \$2.00.

White Lady Aster

A distinct and pretty type. Plants 12 to 15 inches high, upright, with slender wiry stems and many flowers. Flowers, glistening white, small and rounded like a ball. Excellent as pot plant, in the border or for cutting. Mid to late season. Tr. Pkt. 25c, 1/4 oz. 50c, oz. \$1.75.

Improved Giant California

Sunshine

Non Wilt Resistant

The flower is extremely graceful, with a single row of petals contrasting with the light blue or yellow centers. This type does not run quite 100% true and the later flowers are always the best.

- Enchantress Pink
- Light Blue
- Deep Rose
- White
- Purple

Any Color—Tr. Pkt. 30c, 1/8 oz. 60c, 1/4 oz. \$1.00, oz. \$3.50.

Finest Mixed—1/8 oz. 25c, 1/8 oz. 45c, 1/4 oz. 80c, oz. \$2.75.



Aster, Improved California Sunshine.

Super Giant Asters

The largest Asters grown. Under good conditions flowers are 6 inches and over across fully double with graceful interlacing petals. Plant 2 1/2 ft. tall, each carrying 6 to 8 long non lateral stems. Los Angeles. Lovely soft shell pink, creamy pink at center. El Monte. Glowing crimson, somewhat earlier than Los Angeles. Either variety, Tr. Pkt. 25c, 1/4 oz. 70c, oz. \$2.40.

Extra Early Dawn

A very valuable type where carliness is essential. The earliest of the branching type, with flowers fully double and rounded like the Royals. Plants 15 to 16 inches high with good stems for cutting.

- Apple Blossom. New delicate pink shade in this type. 1/8 oz. 35c, 1/8 oz. 60c, 1/4 oz. \$1.00.
- Lavender Rose White
- These three colors 1/8 oz. 25c, 1/8 oz. 40c, 1/4 oz. 70c, oz. \$2.50.
- Dawn Mixed, 1/8 oz. 20c, 1/8 oz. 35c, 1/4 oz. 60c, oz. \$2.00.

The "Ball" Group

All Wilt Resistant

- Ball White Early. Good white with crested center, medium early, branching type. 1/8 oz. 25c, 1/8 oz. 40c, 1/4 oz. 70c, oz. \$2.40.
- Ball White Late. White, late branching, fine large flowers on extra long stems. 1/8 oz. 20c, 1/8 oz. 35c, 1/4 oz. 60c, oz. \$2.00.
- Ball Deep Rose. Early blooming. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.60.
- Ball Purple Early. Bright but deep purple. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.60.

Tall Upright Branching

Wilt Resistant

In season following the Royals. Plants upright, non branching the entire plant usually being cut as unit. Crimson Light Blue Deep Rose Peach Bloom Enchantress, flesh Purple White Finest Mixed Any color or Mixed 1/8 oz. 25c, 1/4 oz. 15c, oz. \$1.60.

Giant Imperial Red

Single Curled and Interlaced

Intense blood red, with bright yellow center. A collarette of smaller petals around the center adds to its beauty. Mid-season in bloom. Semi wilt resistant. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

King Upright Wilt Resistant

The flowers are characterized by their slender needle-like petals. Excellent for handling or shipping. Plants 2-2 1/2 ft. tall, and erect, in cutting, the whole plant being used. Season early to midseason.

- Blackish Blue Shell Pink
- Crimson White
- Rose King Mixed
- Any Color or Mixed—1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.60.

Imbricated Pompons

Early flowering, upright growing plants, 12 to 15 inches tall bearing numerous rather small rounded flowers with cushioned or crested centers.

- Crimson Violet or Dark Blue
- Light Blue White
- Rose
- Any color—1/8 oz. 25c, 1/8 oz. 40c, 1/4 oz. 75c, oz. \$2.75.
- Finest Mixed—1/8 oz. 25c, 1/8 oz. 40c, 1/4 oz. 70c, oz. \$2.50.

Other Fine Asters

of the Late Branching Type

- Phlox Pink Wilt Resistant. Clear light rose pink. 1/4 oz. 25c, 1/4 oz. 45c, oz. \$1.60.
- Crimson Giant Wilt Resistant. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.60.
- HEART OF FRANCE WILT RESISTANT The richest dark red Aster. Medium sized flowers on branching plants. 1/8 oz. 25c, 1/8 oz. 40c, 1/4 oz. 75c, oz. \$2.50.

The Finest Single Asters

Southcote Beauty

The single Asters make very attractive cut flowers. The Southcote Beauty is a very early free flowering strain, of branching habit. The best single type. Dark Blue Scarlet (very fine) Light Blue White Rose Any color—1/8 oz. 25c, 1/4 oz. 40c, oz. \$1.30. Southcote Beauty Mixed. 1/8 oz. 20c, 1/4 oz. 35c, oz. \$1.00. Single Giants of California. Large single flowers 3-4 inches across with graceful petals. Long stems 18-24 inches. Later than Southcote Beauty. Finest Mixed Colors—1/8 oz. 20c, 1/4 oz. 35c, oz. \$1.00.

Fine Begonias



Begonia, Winter Romance

Gracilis Begonias

TWO VALUABLE NEW VARIETIES

- Pink Pearl.** Excellent habit, dwarf and compact, forming a ball-shaped plant 6 to 8 inches tall. Flowers bright salmon pink carried well above the green foliage. Tr. Pkt. \$1.00.
- Red Pearl.** Same good habit as Pink Pearl. Flower deep scarlet with reddish brown foliage. Tr. Pkt. \$1.00.
- *Indian Maid.** One of the best of the new Begonias. Scarlet buds and flowers and dark metallic bronze foliage. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$2.50.
- Carmen.** Bright rosy scarlet flowers with bronze foliage. Compact. Tr. Pkt. 75c, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.00.
- Fireball.** Brilliant crimson. Compact. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.75.
- Luminosa.** Deep scarlet with reddish brown foliage. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.50.
- Luminosa Compacta.** Only 5 to 6 inches high bearing a remarkable number of flowers, of bright scarlet. Very uniform in growth. Excellent for bedding or pot plants. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$1.90.
- Mignon.** Brilliant salmon scarlet semi-dwarf. Tr. Pkt. 75c, $\frac{1}{2}$ oz. \$2.00.
- Prima-Donna.** Beautiful soft rose shading to carmine. Tr. Pkt. 75c, $\frac{1}{2}$ oz. \$2.00.
- White Pearl.** Snowy white blooms with green foliage. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.50.

Balsam, Lady Slipper

- Double Bush Flowering.** A new type with flowers forming rich bouquets above the foliage. Bushy plants 12 to 15 inches tall. We offer the following colors.
- | | |
|-------------------------|---------------|
| Cinnabar Red
Scarlet | Rose
White |
|-------------------------|---------------|
- White and Rose
Any color. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 65c, oz. \$2.00
- Bush Flowering Mixed.** Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.
- Martius Double Mixed.** A brilliant colored mixture of the double Rose flowered and the Camellia flowered types. $\frac{1}{4}$ oz. 15c, oz. 50c.

Bartonia

- Aurea, Golden Bartonia.** Bushy plants 2 ft. high bearing yellow cup-shaped flowers. $\frac{1}{4}$ oz. 15c, oz. 50c.

Brachycome

Swan River Daisy

- Iberidifolia Blue.** Plants 8 to 9 inches high bearing plenty of pretty little blue daisies. Good for rock gardens. $\frac{1}{4}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Semperflorens Varieties

- Bedding Queen White.** Large pure white flowers with light green leaves and stems. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.00.
- Blaze of Fire (Fire Sea).** Compact habit with fiery red flowers. Tr. Pkt. \$1.00, $\frac{1}{2}$ oz. \$2.00.
- Christmas Cheer.** Very popular variety, large dark crimson flowers. Tr. Pkt. \$1.00, $\frac{1}{2}$ oz. \$2.00.
- Erfordia.** Carmine pink flowers, dark foliage. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.25.
- Gustav Knaake.** Pretty salmon pink or bright carmine flowers with pale foliage. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.50.
- Knaake's Fire.** The first pure scarlet Begonia without trace of carmine. In habit of growth, etc., similar to Gustav Knaake. Tr. Pkt. \$1.00.
- Salmon Queen.** Salmon red with dark foliage. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.50.
- Streigau.** A giant flowering fiery carmine. The plants are vigorous and uniformly dwarf and compact about 10 inches high. Tr. Pkt. 75c, $\frac{1}{4}$ oz. \$1.50.
- Sweetheart.** A giant flowered pink variety of compact habit. Light green foliage. Tr. Pkt. \$1.00.
- Vernon (Atropurpurea).** Blood red flowers, dark leaves. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 75c.
- Vernon Dwarf.** Compact growing excellent bedder. Deep purplish red bloom. Tr. Pkt. 75c, $\frac{1}{2}$ oz. \$2.00.
- Winter Romance.** Carmine pink flowers, light green foliage. A most satisfactory variety for winter bloom. Tr. Pkt. \$1.00.
- White Winter Romance.** Very fine winter bloomer. Pure white flowers. Tr. Pkt. \$1.00.
- Radio (Rundfunk).** Extra large carmine scarlet flowers, dark green foliage tinted brown. Tr. Pkt. \$1.00, $\frac{1}{2}$ oz. \$2.40.
- Tuberous Rooted Begonias**
- Tuberous Begonia seed started in January or even up to late February will produce nice pot plants for late spring and early summer sales.
- Single Mixed.** Large flowering varieties Tr. Pkt. 50c, $\frac{1}{4}$ oz. \$1.50.
- Double Mixed.** Finest strain obtainable Good percentage true. Tr. Pkt. \$1.00, 1/128 oz. \$3.50.
- Double Lloydii.** Pendula or Basket Begonia. Mixed colors. Tr. Pkt. \$1.00.
- Narcissus Flowered.** Large semi-double narcissus-like flowers. Tr. Pkt. \$1.00.

Browallia

Excellent free flowering annual growing in even poor soil and blooming all summer, 15 to 18 inches tall.

Elata Blue Elata White
Either $\frac{1}{8}$ oz. 15c $\frac{1}{4}$ oz. 25c, oz. 80c.

Speciosa Major Type

The Browallia Speciosa is an excellent winter blooming pot plant. For plants for Christmas sow seed in July or August. Pinch back to make bushy plants and it is usual to put several plants in a six inch pot.

- Major Blue.** Bright ultramarine blue. Tr. Pkt. 35c, $\frac{1}{8}$ oz. \$1.00.
- Major White.** Tr. Pkt. 50c.
- Viscosa Compacta Sapphire.** A little more compact than Speciosa Major. Bright blue with attractive white eye. Tr. Pkt. 35c, $\frac{1}{8}$ oz. \$1.00.

Cacalia

Called Tassel flower or Devils Paint Brush. Tassel like flowers on long stems good for cutting.

Scarlet Orange
Either color—Tr. Pkt. 20c, oz. 80c.

Martin's Calceolarias

For flowering in March sow seed late in June and successive or later sowing may be made up to the last of August, for continued bloom.

- Hybrida Grandiflora Mixed.** Giant flowering on plants 15 to 16 inches tall. An excellent assortment of the tigered, spotted and variegated varieties as well as the self-colored. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$2.75, $\frac{1}{2}$ oz. \$5.00.
- Dwarf Giant Hybrids (Nana Compacta).** Large flowers on dwarf compact plants, 10 to 12 inches tall. Splendid color mixture. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$2.75, $\frac{1}{2}$ oz. \$5.00.
- Rugosa Hybrida Mixed.** The rugosa varieties are not only splendid pot plants but they also furnish much good cut flower material. They keep well in water after cutting. Small flowers borne in clusters. Tr. Pkt. \$1.00.

Calceolaria Multiflora Nana

- Hybrida Multiflora Nana Mixed.** Comparatively small flowers averaging about 1½ inches, but very profusely borne, the plants masses of colorful bloom. The colors are very gay and full of contrast, with lemon, gold and orange, also scarlet copper and crimson and spotted. Tr. Pkt. \$1.00, 1/128 oz. \$2.75, $\frac{1}{4}$ oz. \$5.00.
- Multiflora Nana Golden Tiger.** Golden yellow flowers with brownish red dots. Tr. Pkt. \$1.00, 1/128 oz. \$2.75, $\frac{1}{4}$ oz. \$5.00.
- Mult. Nana Indian Prince.** Bright shade of orange scarlet. Tr. Pkt. \$1.00.
- Mult. Nana Deep Crimson.** Deep crimson. Tr. Pkt. \$1.00.



Calceolaria, Multiflora Nana

Calliopsis

ANNUAL COREOPSIS

- Semi-Double Gold Crest.** Rich golden yellow, with reddish zone, much larger than Golden Wave, flowers 2-2½ across. Not all double, but many of the flowers have an extra row of petals. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Tall Mixed.** Yellow, orange, crimson, 3 ft. tall. $\frac{1}{4}$ oz. 10c, oz. 25c.
- Drummond Golden Wave.** 1½ ft. tall. $\frac{1}{4}$ oz. 15c, oz. 40c.

CANARY BIRD VINE

Tropaeolum Canariensis. Annual climber with pretty canary yellow, winged flowers. $\frac{1}{4}$ oz. 15c, oz. 50c.

CARDINAL CLIMBER

Ipomea Cardinalis. A rapid growing annual vine with finely cut foliage and bright scarlet flowers Tr. Pkt. 20c, oz. 90c.



Calendula Sensation, Improved Strain

Calendulas

FOR FLORISTS

The Ball Calendulas

- Balls Apricot.** Apricot with brown center.
 - Balls Orange Improved.** We offer the long stemmed strain. Light center.
 - Balls Golden Improved.** Golden yellow.
 - Balls Lemon Queen.** Lemon yellow, dark center.
 - Balls Masterpiece.** Long stemmed, deep rich orange with dark center.
 - Balls Supreme.** Light orange, brown center.
 - Balls White.** Not pure white, but creamy with tinge of Apricot.
 - Balls Strain Mixed.** A mixture of above varieties.
- Prices on all above Ball Calendulas—** $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.10, oz. \$2.00.

Calendula Orange Fantasy

A new and entirely distinct strain given an award of merit in the All-American Trials. The outer rows of petals are long and twisted, the inner curled and interlaced, forming a crest around the mahogany center. Flowers are large (3 inches across) of deep, bronzy orange, petals edged mahogany red. Plants 15 inches tall. Tr. Pkt. 40c.

Sensation Campfire

Improved Florist's Strain. It is a deep strong orange with scarlet sheen on the upper surface of each petal. The flower when well grown are flat across the top and should run at least 4 inches in diameter. The center is light but it barely shows because of the complete doubleness of the flower. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.10, oz. \$2.00.

Sensation Regular Strain. A good selection for forcing or outdoors. $\frac{1}{4}$ oz. 35c, oz. \$1.00, 2 ozs. \$1.75, $\frac{1}{4}$ lb. \$3.00.

Other Good Calendulas

- Orange King Improved, forcing strain.** We believe this is the best strain of Orange King to be had. Fine orange with dark center. Excellent for outdoors also $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.50.
- Orange Shaggy.** Deep orange, lighter in center. Fringed and shaggy overlapping petals. Large and long stemmed. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Sunshine, Chrysantha.** Excellent forcer as well as for outdoors. Long stemmed, bright buttercup yellow, with graceful petals. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Orange Sunshine.** A new double, Orange Strain of Sunshine. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

- Frilled Beauty.** New deep orange with frilled and lacinated petals. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Lemon Queen.** Outdoor Strain. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Radio.** Clear orange, medium size flowers with quilled petals. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Radio Golden Beam.** The yellow form of Radio. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Jewel.** A deep rich orange variety, flowers large but plant growth quite dwarf. A good strain for bedding. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Excellent Bedding Mixed Calendulas.** A fine mixture of all shades known to Calendulas. $\frac{1}{4}$ oz. 10c, oz. 30c.



Centaurea Imperialis

Cyanus Centaureas Imperialis



Cyanus, Blue Boy

C. Cyanus—Bachelor Button or Cornflower

Improved Florists' Strains
Blue Boy. Best deep blue.
Black Boy. Deep Maroon.
Pinkle. Deep rose pink.
Red Boy. Deep red.
Snow Man. Pure white.
 Any of these— $\frac{1}{4}$ oz. 20c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Standard Double Varieties
Double Blue. The most popular shade.
Maroon (Atropurpurea). Very dark.
Mauve Queen. Soft Mauve.
Minlata. Cerise Red.
Rose Improved. Very good bright pink.
Ruby. Deep ruby red, lighter than Maroon.
White. Large flowered, pure.
 Any above— $\frac{1}{4}$ oz. 15c, oz. 40c, $\frac{1}{4}$ lb. \$1.00.
Finest Double Mixed, $\frac{1}{4}$ oz. 15c, oz. 35c, $\frac{1}{4}$ lb. 90c.
Jubilee Gem. Dwarf deep blue strain fine for the outdoor garden. Tr. Pkt. 30c, $\frac{1}{4}$ oz. \$1.00.

Centaureas in the Greenhouse. Seed started in the early fall will normally bloom in April. Seed started in January will flower in May.

Centaurea Imperialis

C. Imperialis — Imperial Sweet Sultans

- | | |
|---|-----------------------|
| Amaranth Red. | Delicate Lilac |
| Brilliant Rose | Purple |
| Deep Lavender | White |
| Yellow Suaveolens | |
| Any color— $\frac{1}{4}$ oz. 20c, oz. 60c. | |
| Imperialis Mixed. $\frac{1}{4}$ oz. 15c, oz. 50c. | |

Centaurea—Dusty Miller

- C. Gymnocarpa.** Lavender violet flowers, but grown for foliage which is silvery. $\frac{1}{4}$ oz. 15c, oz. 50c.
- C. Candidissima.** Dwarfier and slower in growth. Fine silvery foliage, yellow flowers. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.60.

Various Centaureas

- Suaveolens Yellow.** Clear butter yellow. An excellent variety for winter and spring bloom in the greenhouse. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Americana Lilac.** Large thistle like blooms of rosy lilac. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Americana White.** $\frac{1}{4}$ oz. 20c, oz. 60c.



Candytuft, Our Giant Hyacinth Flowered

Annual Canterbury Bells

With this new strain it is possible to have these beautiful flowers in bloom at almost any time of the year. It blooms in less than 6 months after the seed is planted, seed started in February, producing flowers in July. Plants 2 to 2½ ft. tall, each plant having 6 to 8 spikes of bloom.

Angelus Bell. Deep rose.
Blue Bell. Cambridge blue, light.
Liberty Bell. Deep blue.
Mission Bell. Soft clear pink.
Wedding Bell. Pure white.
 Any above varieties—Tr. Pkt. 20c, ¼ oz. 35c, oz. \$1.00.
Annual Canterbury Bells Mixed. ¼ oz. 25c, oz. 75c.

Carnations

Chabaud's Enfant de Nice

A magnificent strain the result of a cross between Chabaud's Giant and Perpetual. The plants are of vigorous upright habit, with long strong stems bearing large double flowers, 2½ or even 3 inches in diameter. Doubleness and colors are quite true from seed.

Red White **Rose** **Salmon Striped**
 Any color—Tr. Pkt. 35c, ¼ oz. \$2.50.
 Excellent mixed colors—Tr. Pkt. 30c, ¼ oz. 80c, ¼ oz. \$1.50.

Marguerite Special Mixed Carnations

The best low priced mixture of good Annual Carnations. Flowers of fair size and most all double, good stems for cutting. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Clarkia Elegans

Under glass, when disbudding is practiced, the stems should be twined around strings and they reach up 2½ to 4 ft. They need light soil and limited amount of water to prevent soft growth. Keep cool, about 50 degrees. If artificial light is used, seed may be sown in November for February bloom.

Albatross. Splendid new white, compact.
Apple Blossom. Delicate pink.
Brilliant. Bright carmine.
Enchantress. Orange shading to pink.
Firebrand. Distinct orange scarlet.
May Blossom. Deep rose.
Orange King. Bright salmon orange.
Purple Prince. Rich purple.
Salmon Queen. Salmon pink.
 Any Variety—Tr. Pkt. 20c, oz. 75c.
 Double Mixed—¼ oz. 20c, oz. 60c.

Candytuft

Candytuft produced under glass is far superior to outdoor summer grown. While the Giant White Hyacinth is the most popular and produces the largest spikes, the Umbellata varieties are also very nice especially the Rose Cardinal shade. Start seed in January for cutting material through May and June. Start more seed a month later.

Giant Hyacinth Flowered White

Martin's Improved Strain

A very superior strain growing 1½ ft. high with immense trusses of bloom. We believe it the finest strain to be had. ¼ oz. 25c, oz. 75c, lb. \$2.25.

Rose Carninal XXX Stock

Flowers richer and deeper in color on very robust plants. ⅛ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Umbellata Varieties

Plants about one foot tall under good conditions with nice trusses of bloom.

Rose Cardinal. Standard Stock. ¼ oz. 15c, oz. 50c, ¼ lb. \$1.50.

Crimson Purple **Lavender**
Flesh Pink **White**

Above colors—¼ oz. 15c, oz. 40c, ¼ lb. \$1.00, lb. \$3.50.

Umbellata Mixed—¼ oz. 10c, oz. 30c, ¼ lb. 75c, lb. \$2.50.



Annual Canterbury Bell

Coleus

Martin's Exhibition Mixed Large Leaved.

This is our finest strain of Coleus, the seed carefully selected from Exhibition plants in a great range of colors. Tr. Pkt. \$1.00, ¼ oz. \$2.50.

Rainbow Large Leaved Mixed. A fine large leaved mixture. Tr. Pkt. 35c, ¼ oz. \$1.00.

Fine Mixed. A good color assortment of the smaller leaved type. ¼ oz. 35c, ¼ oz. 60c, ¼ oz. \$1.00.

Cobaea—Cathedral Bells

Scandens Blue. The popular cup and saucer vine with bell shaped blue flowers. Start seed in January or early February for potted plants for May and June sales. ¼ oz. 20c, oz. 60c.

Celosia Types

Dwarf Plumosa

Fiery Feather. Admirable little pot or bedding plants. Upright pyramids (15 to 18 inches tall) of fiery scarlet plumes.

Golden Feather. A golden yellow counterpart of above.

Either variety or mixed—Tr. Pkt. 25c, ¼ oz. 60c, ¼ oz. \$1.00.



Celosia, Dwarf Fiery Feather

Celosia Plumosa

The tall plumed or feathered Celosia.

Carmine **Yellow**
Golden **Chamois Rose**
Scarlet

Any above separate colors, ⅛ oz. 25c, ¼ oz. 40c, oz. \$1.25.

Thompson's Magnific Mixed. A fine strain of Plumosa mixed colors. ⅛ oz. 25c, ¼ oz. 40c, oz. \$1.25.

Pride of Castle Gould. A very select strain with great plumes of many shades. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.

Celosia Childsi, Woolflower

Plant 2½ ft. tall with many stems carrying fluffy rounded flowers. Attractive for cutting or border.

Crimson **Pink**
Rose **Yellow**

Any color—⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50
 Childsi Mixed—⅛ oz. 20c, ¼ oz. 35c, oz. \$1.20.

Celosia, Dwarf Flame of Fire

An excellent type for borders or pots. Perfect pyramids 15 to 18 inches high. Full of rounded heads or plumes of the brightest scarlet. Tr. Pkt. 35c, ¼ oz. 60c, ¼ oz. \$1.00.

Celosia Cristata, Cockscomb

Tall Mixed. ¼ oz. 25c, oz. 75c.
 Finest Dwarf Mixed. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Cosmidium

Hurricaneum Orange Crown. An attractive daisy of golden yellow with a circle of orange around the brown center, 2 ft. high, with satisfactory stems for cutting. ¼ oz. 15c, oz. 50c.



Cineraria Hybrid Multiflora Nana

Cremers Prize Cinerarias

Improved Strain

Cremer's produces plants of good saleable height with masses of small to medium sized flowers in a great variety of color. The flowers are fancy and bicolor. The petals are broad and overlapping, and the habit of the plant and the comparative small size of the leaves make it possible to produce saleable plants in smaller pots than other strains. Mr. Cremer is providing us with his finest selection of seeds. **Tr. Pkt. \$1.50, 1/4 oz. \$2.25, 1/2 oz. \$4.00, 1/8 oz. \$7.50.**

The Largest Cineraria

California Super Giants Mixed

The flowers of this strain are enormous and in a rich color assortment. We have seen them 4 and more inches across. The plants are quite compact in habit, 15 to 18 inches high. We recommend that you have a few plants of this giant strain. **Tr. Pkt. \$1.00.**

Excellent Cinerarias

Hybrida Multiflora Nana

The Hybrida Multiflora Nana is one of the most popular types and our strain is exceptionally good. The plants are quite dwarf and real compact, with leaves not too large. The flowers are small, borne very profusely, forming a compact head

Multiflora Nana Mixed. Tr. Pkt. \$1.00, 1/2 oz. \$2.00, 1/8 oz. \$3.50.

Multiflora Early Market Crimson

Flowers 2 weeks earlier than others of the Multiflora Nana group. The foliage is small, the flowers rich crimson. **Tr. Pkt.**

Separate Colors Multiflora Nana

**Dark Crimson Dark Blue
Flesh Pink Light Blue**

White

Any above colors, Tr. Pkt. \$1.00

Multiflora Nana Gold Center. Tr. Pkt. \$1.00.

Potsdam or Berlin Market

Plants 15 to 16 inches tall, excellent habit for pot plants with medium sized flowers (smaller than Grandiflora) in a very brilliant color mixture. Mixed colors. **Tr. Pkt. 50c, 1/4 oz. \$1.25, 1/2 oz. \$2.00.**

Berlin Market Separate Colors.

Dark Crimson Dark Blue

Rose Dark Purple Velvet

Any above color—Tr. Pkt. 50c, 1/4 oz. \$1.40, 1/2 oz. \$2.50.

Martin's Grandiflora Prize Mixed. Includes the best of the large flowered strains with good plant habit. **Tr. Pkt. \$1.00, 1/4 oz. \$1.75, 1/2 oz. \$3.00.**

Giant Prize Semi-Dwarf Mixed

Compact plants about 1 ft. tall. Many prefer it to the Grandiflora Mixed. **Tr. Pkt. \$1.00, 1/4 oz. \$1.75, 1/2 oz. \$3.00.**

Stellata Hybrid Polyantha. Best strain for cutting. Plants 2 1/2 ft. tall, carrying masses of long stemmed flowers. **Tr. Pkt. 50c, 1/4 oz. \$1.00.**

Cineraria Mar. Diamond, Dusty Miller. The best dwarf Dusty Millers. Select strain with almost pure white finely cut foliage. Plants 12 to 15 inches tall. **1/4 oz. 25c, oz. 75c.**

Annual Chrysanthemums

Another group which is finding favor with florists for cut flower material. Chrysanthemums last remarkably well as cut flowers. For best results keep the blooms in water for 24 hours before marketing. January sowing will bloom in late spring and early summer.



Annual Chrysanthemum, Single Mixed

Tall Single Varieties

Atrococcineum (The Sultan). Dark copper with yellow zone.

Burridgeanum. White with scarlet zone.

Eastern Star. Primrose, brown center.

Eldorado. Bright canary yellow with mahogany center.

Gloria Alba. Pure white, yellow center.

Morning Star. Pale yellow.

Northern Star. White with dark center.

Prunpreum. (W. E. Gladstone). Purple with yellow zone.

White Queen. Pure white with pale lemon zone and dark center.

Any variety—1/4 oz. 15c, oz. 40c.

Martin's Excellent Single Mixture, 1/4 oz. 15c, oz. 40c.

Nivelli. A fine Annual Marguerite, bright yellow with yellow center. Earlier to bloom than other varieties, by 2 to 3 weeks. **1/4 oz. 20c, oz. 60c.**

Double Varieties

Yellowstone. A very bright yellow, good sized and fully double in form. Very valuable for cutting because of good straight stems. **Tr. Pkt. 25c.**

Coronarum. Good double flowers on long stemmed plants, 4 ft. high.

Double White. Double Yellow.

Either color or mixed—1/4 oz. 15c, oz. 40c.

Carinatum Hybridum Double Mixed. White, yellow, purple and scarlet. **1/4 oz. 20c, oz. 60c.**

Convolvulus

See Morning Glory and Ipomea

Crepis

Rubra Pink. A pretty little annual growing 1 ft. high producing masses of showy semi-double, soft pink flowers during midsummer. Nice for border or cutting. **1/4 oz. 20c, oz. 75c.**

Cuphea, Firefly

A splendid new pot plant, bushy, 10 to 12 inches high, growing readily from seed, flowering in about 5 months. The flowers are of a nice rosy scarlet deepening toward the center. We believe you will find it a profitable pot plant. **Tr. Pkt. 50c, 1/4 oz. \$1.00.**

COSMOS

Cosmos — Sensation

Very early yet giant flowered type, trials producing many flowers 4 to 6 inches across. For best results leave plants 3 to 4 ft. apart and disbud for large flowers and length of stem. The strain is early, under good conditions blooming 10 weeks after the seed is sown and the flowers hold up after cutting.

Sensation Pinkie. Rose pink.

Sensation Purity. White.

Either color—Tr. Pkt. 35c, 1/4 oz. 60c, oz. \$2.00.

Sensation Mixed. Tr. Pkt. 25c, oz. 90c.

Cosmos — Orange Flare

Covered with rich orange flowers. In full flower in less than 4 months after seed sowing. **1/4 oz. 20c, oz. 70c.**

Extra Early Express. Much earlier than other types, flowers in 45 days from sowing of the seed. Plants 2 1/2 ft. tall bearing medium sized flowers. **Mixed Colors—1/4 oz. 20c, oz. 60c.**

Early Mammoth Single Varieties

Fuller, larger flowered and later than Express but much earlier than the late type.

**Pink Crimson
Mixed Colors White**

Any color or mixed—1/4 oz. 10c, oz. 35c.



Cosmos Sensation

Extra Early Double Crested

A very pretty type with doubled semi-double and crested flowers. Comes only partially true from seed.

Mixed Colors—1/4 oz. 30c, 1/4 oz. 50c, oz. \$1.80.

Cyclamen Seed

We are offering a very fine strain of Cyclamen seed. It is characterized by very clean bright foliage, large well-shaped flowers, which are carried on good stems well above the foliage. Our customers who have had this strain report splendid results.

	100	1000
Bonfire. Brilliant salmon	....\$1.60	\$14.00
Glory of Wandsbeck. Deep salmon, reddish	..... 1.40	12.00
Rose of Zehlendorf. Light rosy salmon	..... 1.40	12.00
Rheinzauber. Salmon rose	.... 1.50	13.00
Dark Blood Red. Christmas red	1.30	11.00
Pure White. Very large flowered.	..... 1.40	12.00
Lilac Wonder. Deep lilac or lavender	..... 1.40	12.00
Peach Blossom. Soft rose, pink with carmine eye	..... 1.30	11.00
Wonder. Improved dark pinkish salmon with peach blossom edge	..... 1.90	17.00
Dick Baurde. Improved salmon rose, slightly fringed	.. 1.90	17.00
Glory. Improved red, slightly fringed	..... 1.90	17.00
Improved Blood Red. Retains its pure deep color without becoming blackened	..... 1.90	17.00
White with Carmine eye	.... 1.30	11.00
Victoria. White with lilac border and eye	..... 1.60	14.00
Excellent Mixed. Best florists colors	..... 1.40	12.00
250 seeds or more of any one variety at the 1000 rate		

Cynoglossum— Chinese Forget-Me-Not

Pretty blue flowers on branching plants 18 to 24 inches tall. For continued bloom outdoors make several sowings. January greenhouse sowings with bloom in late spring.

Amabile Deep Blue. ¼ oz. 10c, oz. 30c.
Fairy Blue. Light. ¼ oz. 15c, oz. 50c.
Pink. ¼ oz. 25c, oz. 75c.

Dahlias From Seed

Seed sown early will produce flowering plants during the same season.

Martin's Excellent Double Mixed. Our seed is taken from prize winning exhibition blooms in the giant flowered Decorative, Peony flowered and Cactus types. Tr. Pkt. 50c, ¼ oz. \$1.25, ¼ oz. 2.25.

Unwins Dwarf Hybrids. Produce bushy plants 18 to 24 inches tall, ideal for borders. Double and semi-double flowers in a great assortment of colors. Blooms in 4 months after the seed is sown. ½ oz. 40c, ¼ oz. 75c, oz. \$2.40.

Dwarf Mignon Mixed. A splendid strain of dwarf single flowering varieties. ½ oz. 25c, ¼ oz. 40c, oz. \$1.25.

Coltness Hybrids. An excellent dwarf single flowered strain. The separate colors come quite true from seed.

Scarlet Yellow White
 Any color—Tr. Pkt. 35c, ¼ oz. 80c, oz. \$2.50.
Coltness Mixed. ½ oz. 35c, ¼ oz. 60c, oz. \$2.00.

Datura

Fastuosa Double Mixed. Plants about 3 ft. high with large trumpet shaped flowers, white and violet. ¼ oz. 15c, oz. 45c.

Dracena

Australis. Broad leaved, green and red. ¼ oz. 20c, oz. 60c, ¼ lb. \$2.00.
Indivisa. Long slender green leaves. ¼ oz. 15c, oz. 40c, ¼ lb. \$1.20.

Dianthus—Annual Pinks

Double Heddeewigi or Japanese Pinks.

Compact plants a foot high. Free flowering, lacinated petals.

Snowdrift, white. **Lucifer,** scarlet
Pink Beauty **Salmon King**
 Any above ¼ oz. 20c, ¼ oz. 35c, oz. \$1.20.
Hedd. Double Mixed. ¼ oz. 20c, oz. 60.
Laeniatus Splendens. Large single crimson with glistening white eye. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Chinensis or Indian Pinks

Tom Thumb Brilliant. Double scarlet, excellent for edgings. 6 inches. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Chinensis Single Mixed. ¼ oz. 10c, oz. 35c.
Chinensis Double Mixed. ¼ oz. 15c, oz. 45c.
Hyb. Latifolius Double Scarlet. Excellent for borders or bedding, 1 ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Annual Sweet William. Mixed colors. Single. ¼ oz. 25c, oz. 75c.

Dianthus Sweet Wivelsfield

These make excellent cut flowers because of the long lasting qualities and the unusually bright color range.

Single Mixed—¼ oz. 25c, oz. 75c.
New Double Sweet Wivelsfield. Much showier than the singles. See illustrations above. Tr. Pkt. 50c.



New Double Sweet Wivelsfield

Martin's Excellent Mixture Annual Pinks.

A grand mixture of Chinensis, Heddeewigi, Single and Double Varieties, all colors. ¼ oz. 15c, oz. 45c.



Exacum Affine

Didiscus—Blue Lace Flower

Coeruleus. Lacy Blue flowers in terminal racemes. It blooms well outdoors if started when weather is fairly cool and is a fine cut flower with long stems. Do not transplant. Tr. Pkt. 20c, oz. 85c.

Queen Annes White Lace Flower. Lacy white flowers on plants 2 to 2½ feet high. A good cut flower filler. Tr. Pkt. 20c, oz. 75c.

Dimorphoteca

African Orange Daisy
Star of the Veidt

Pretty and richly colored daisies of rather low growth. The colors are yellow, salmon, orange and white, all with mahogany centers.

Aurantiaca Mixed—¼ oz. 25c, oz. 80c.
Orange Improved. Most popular separate color. ½ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Erysimum, Fairy Wallflower

For bloom during May and June, start seed in January.

Perofskianum. Showy flowers of bright orange on plants 2 ft. high. ¼ oz. 10c, oz. 30c.

Eschscholtzia California Poppy

Aurantiaca. The original orange California Poppy. ¼ oz. 10c, oz. 25.

Brilliant Mixed. Crimson, pink, orange, scarlet, and yellow shades. Tr. Pkt. 20c, oz. \$1.00.

Euphorbia

Heterophylla Mexlean Fire Plant. Also called Annual Poinsetta. Bushy plants with glossy green foliage. The small center leaves of each branch turn a rich Poinsetta scarlet. ¼ oz. 20c, oz. 60c.

Variegata, Snow on the Mountain. Green foliage margined ivory white. ¼ oz. 10c, oz. 35c.

Exacum

Seed sown in January or February will produce flowering plants by June.

Affine. A very pretty and saleable pot plant with fragrant light blue flowers. Compact. 6-8 inches tall. Tr. Pkt. (about 1000 seeds) 65c, ¼ oz. \$2.00.

Atrocoeruleum. New strain with dark lavender flowers with contrasting golden yellow stamens. Tr. Pkt. \$1.00.

Four O'Clocks

Mirabilis or Marvel of Peru

Tall Mixed. 2 ft. Oz. 10c, ¼ lb. 30c, lb. 90c.
Tom Thumb Dwarf Mixed. 1 ft. oz. 15c, ¼ lb. 45c, lb. \$1.25.

Freesia

Tubergeni. This beautiful new strain can be had in flower in 6 months from the sowing of the seed. The flowers are large and color range includes yellow, gold, bronze, lavender and deep rose. ½ oz. 35c, ¼ oz. 60c, oz. \$2.00.

Gilia

Capitata Blue, Blue Thimble Flower. Erect plants, 1½ ft. high with long stems and ball-shaped flowers of lavender blue. ¼ oz. 15c, oz. 35c.

Lilifolia, White Swan. A distinct type growing 12 to 15 inches high carrying stems of dainty white flowers which are excellent for cutting. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Lilifolia, Bunch of Lilacs. Clear lavender blue. ½ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Gaillardia

Easily grown annuals rich in coloring and valuable for cutting or garden display.

Aurora Borealis Semidouble. A very attractive combination of brown, red and yellow. $\frac{1}{4}$ oz. 25c, oz. 75c.

Single Indian Chief. Rich bronze red. $\frac{1}{4}$ oz. 20c, oz. 60c.

Single Mixed. Combinations of yellow, gold, orange, red and crimson. $\frac{1}{4}$ oz. 15c, oz. 45c.

Lorenziana Double Mixed. Rounded flowers with attractive tubular petals. Yellow, gold and red shades. $\frac{1}{4}$ oz. 20c, oz. 60c.



Godetia, Duke of York

Godetias

Godetias in the Greenhouse. In the greenhouse September sown seed will flower in January. A sowing of seed in January will crop in April.

Upright Single Varieties

The best varieties for cutting as the flowers are borne at the top of the plants well above the foliage. In some markets the plants are set very close and the whole plant pulled. A single plant bears enough flowers to make a nice bouquet.

Firelight. Rich crimson scarlet.

Duke of York. Scarlet on white.

Sybil Sherwood. Bright salmon pink with a delicate edging of white.

White Swan. Pure satiny white.

Any above—Tr. Pkt. 20c, oz. 75c.

Upright Single Mixed. $\frac{1}{4}$ oz. 20c, oz. 60c.

Dwarf Single Mixed. Excellent for potting or bedding. Dwarf plants with flowers borne well above the foliage. $\frac{1}{4}$ oz. 20c, oz. 60c.

Dwarf Double Azalea Flowered Mixed $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Tall Double Azalea Flowered Mixed. Flowers borne down along the stems. $\frac{1}{4}$ oz. 20c, oz. 60c.

Gomphrena, Globe Amaranth

One of the best of the annual everlastings which may be dried for bouquets. They are long stemmed with rounded clover-like heads. We believe they have value for the florist, at least, if grown in limited quantities. Plants 15 to 18 inches tall.

Globosa White **Globosa Purple**
Globosa Rose **Globosa Mixed**

Any color or Mixed— $\frac{1}{4}$ oz. 10c, oz. 30c.

Nana Compacta Purple. For bedding or potting, only 6 inches tall, bushy and compact. $\frac{1}{4}$ oz. 20c, oz. 60c.

Grevillea, Silk Oak

Robusta. A popular fern leaved tropical plant, easily raised from seed. Sow in March for saleable plants in late spring. They like a cool house and light soil. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Ornamental Gourds

There is so much interest in gourds now for decorative purposes that we suggest you grow at least a limited quantity.

Small Fruited Varieties Mixed. All forms, apple, pear, spoon, egg and bottle shapes, in various striking colors. $\frac{1}{4}$ oz. 10c, oz. 30c.

Small Warty Varieties. Mixed colors and shapes. $\frac{1}{4}$ oz. 15c, oz. 45c.

Large Varieties Mixed. Includes birds nest, Calabash, dipper, dish cloth, giant bottle, Hercules club and various others. $\frac{1}{4}$ oz. 10c, oz. 30c.

Gypsophila

Babys Breath

A valuable crop for the florist, and we are extremely careful of our seed strains to insure you profitable crops.

Paris Market Strain. In our trials this is the earliest strain. It is free flowering and the quality of the flowers is good. It is bushy and somewhat spreading in growth. We highly recommend it, at least, for first cutting. 1 oz. 15c, $\frac{1}{4}$ lb. 40c, 1 lb. \$1.25, 5 lbs. \$5.00.

Special Covent Strain. This strain is a few days later, taller, and more erect in growth than Paris Market. In our trials, the flowers were a bit larger and very full, the petals broad enough so that they almost overlap. 1 oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.50, 5 lbs. \$6.25.

London Market Strain. With us, this is about as early to bloom as Covent Garden, and a trifle stronger growing. With some growers it is the favorite variety. 1 oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.50, 5 lbs. \$6.25.

Elegans Crimson. This is the best of the pink varieties. It is low and bushy in growth. $\frac{1}{4}$ oz. 15c, 1 oz. 40c.



Gypsophila, London Market

Hunnemannia

This attractive bright yellow Poppy or Bush Escholtzia is good for cutting, not dropping the petals. Very showy in beds or border also.

Seed sown in April will bloom in June and July. Another sowing in July will give you flowers in late fall. For greenhouse bloom sow the seed in December, or January, transplant into small pots and bench in a cool house in February.

Fumariaefolia, Single Yellow. Stems reach up about 1 ft. high. $\frac{1}{4}$ oz. 20c, oz. 60c.

Sunlite. New semi-double variety of great brilliance. Taller in growth with longer stems than the single. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.



Ipomoea, Heavenly Blue Improved

Ipomoea

For the best results with Heavenly Blue and other Ipomoeas start the seed early enough to have good strong plants in 4 inch pots to set out in late May. They bloom best in soil rather low in fertility and in a fairly dry location.

Heavenly Blue (Ipomoea Coerulea) Improved Strain. A deeper shade of blue than the original. This strain is also less rank growing and earlier. The flowers are freely borne and remain open until late in the afternoon. $\frac{1}{4}$ oz. 25c, oz. 80c.

Clark's Mammoth Blue. An early and sure blooming strain. Earlier than Heavenly Blue, flowers slightly smaller and lightening to yellow in the throat rather than white. $\frac{1}{4}$ oz. 25c, oz. 80c.

Moonflower (Ipomoea Noctiflora). White flowers. $\frac{1}{4}$ oz. 15c, oz. 40c.

Double Rose Marie. Early freely flowering variety with deep rose double flowers. $\frac{1}{4}$ oz. 25c, oz. 75c.

Giant Pink. The throat is deep red, lightening to pink. $\frac{1}{4}$ oz. 15c, oz. 45c.

Cardinal Climber (I. Cardinalis). Bright red flowers, attractive foliage. Tr. Pkt. 20c, oz. 90c.

Helichrysum—Strawflower

The most popular of all annual everlastings or Strawflowers. We list the best strains of the Monstrosum double varieties which come reasonably true. Plants about 3 ft. high.

Canary Yellow	Salmon
Fireball, Scarlet	Silverball
Golden Ball	Silvery Pink
Rose Carmine	Violet Queen

Any color— $\frac{1}{4}$ oz. 20c, oz. 60c.

Finest Double Mixed— $\frac{1}{4}$ oz. 15c, oz. 50c.

Heliotrope

Lemoines Giant Mixed. An excellent strain of the largest flowered in the richest colors. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.25.

Regale Dwarf Mixed. Splendid larger flowering dwarfs. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Impatiens

An excellent bedding plant for shady spots, and also with value as a winter blooming pot plant. You can have plants in full bloom in 3 months from seed sowings, for spring or early summer sales.

Holstii Hybrids. Mixed. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.00.

Holstii Nana Liegnitzia. Special dwarf compact strain, very free blooming. Deep vermilion red. Tr. Pkt. 50c.

Sultani Hybrids. Mixed colors. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.00.

Annual Larkspur

Martin's Excellent Strains for the Florist

Many florists are finding Annual Larkspurs profitable greenhouse crops. They are easy to grow, the seed is inexpensive and the crop is made in a comparatively short time. Sowings of seed in the greenhouse during December and January will give excellent crops during late April and May. Sow the outdoor crop as early as your soil is in workable condition.

The varieties marked * on trials showed to be the most popular shades for the grower who sells the cut flowers.

Fine New Imperial Larkspurs

Apple Blossom. Blush white with large double flowers. Somewhat dwarfier than others. $\frac{1}{4}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.60.

Blue Cockade. New shade of rich Lilac Blue with large flowers closely placed on the stems. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.60.

Coral King. A distinct shade, blush-pink with a suffusion of coral. Flowers are large, fully double and the spikes for cutting are exceptionally long. It is early. $\frac{1}{4}$ oz. 35c, oz. \$1.20, lb. \$12.00.

Gloria Improved. Rich deep rose on salmon. It is early, of even, upright growth. Flowers of average size, very closely spaced. $\frac{1}{4}$ oz. 35c, oz. \$1.20, lb. \$12.00.

White King. We feel that when well known White King will replace all other white Larkspurs. It gives a very heavy and long cutting spike, closely filled with the extra large double florets, which are glistening white. An added value is the earliness of White King which is ready to cut a week before the standard Imperials. $\frac{1}{4}$ oz. 35c, oz. \$1.20, lb. \$12.00.

Tall Double Stock Flowered Larkspur

Ageratum or Azure Blue. Light blue.

***Dark Royal Blue.** Beautiful rich shade.

***Empress Rose.** Best of the rose pinks with extra long stems.

La France. Pleasing salmon pink.

***Lilac Improved.** A medium shade between Ageratum and Dark Blue.

Lustrous Carmine or Newport Pink. Best of the real deep rosy scarlet varieties.

***Rosamond.** Bright rose, which does not fade, holding its color until out of flower. Two weeks earlier than others. $\frac{1}{4}$ oz. 30c, oz. \$1.00, lb. \$10.00.

***Rose Queen.** A distinct shade of bright but deep rose pink. $\frac{1}{4}$ oz. 25c, oz. 60c, lb. \$6.00.

***White.** Fine long spikes.

Prices all above except where noted— $\frac{1}{4}$ oz. 20c, oz. 50c, lb. \$5.00.

Mixed Colors— $\frac{1}{4}$ oz. 15c, oz. 40c, lb. \$4.00.

On All Larkspur You May Buy $\frac{1}{4}$ lb. or more of any variety at the pound rate

Kalanchoe

Globulifera Coccinea. Very desirable pot plant, with bright scarlet flowers. Sow the seed in January, February or March for the following winter's bloom. Tr. Pkt. (about 1000 seeds) 60c, 3 for \$1.50.

Kochia—Mexican Fire Bush

Valuable plants for formal borders, hedges or to serve as background for flowering plants. $2\frac{1}{2}$ to 3 ft. high.

Tricophylla Summer Cypress. Deep green turning to carmine red in autumn. $\frac{1}{2}$ oz. 10c, oz. 15c, $\frac{1}{4}$ lb. 45c.

Childsi. Much brighter green than preceding but does not turn red in fall. $\frac{1}{2}$ oz. 10c, oz. 15c, $\frac{1}{4}$ lb. 45c.

Linum—Annual Flax

Grandiflorum Rubrum. Bright scarlet flowers very showy. 15 inches.

Cocculum. Blue flax. 15 inches.

Either Variety— $\frac{1}{4}$ oz. 10c, oz. 25c.

Giant Imperial or Upright Varieties

More good material can be cut from this type, than from the standard stock flowered as the upright growth permits closer planting. Base branching with good long spikes.

***Blue Bell.** A fine new clear blue, lighter than Lilac and slightly deeper in effect than Sky Blue.

***Blue Spire.** The deepest blue, rich royal or Oxford blue.

Carmine King. Carmine rose, the deepest of the pink or rose shades offered.

Cattleya. Rich, rosy lilac with fully double flowers closely spaced on long stems. Prolongs season being 2 weeks later than others.

Daintiness. Delicate lavender.

Dazzler. Early flowering vivid carmine.

***Empress Improved.** Rose pink, shaded salmon. Deeper in shade than Exquisite Pink.

***Exquisite Pink Improved.** Very soft pink with a tone of salmon. Lightest of the pinks.

***Lilac Queen.** Lilac shading to lavender blue. Lighter in effect than Lilac Spire and we believe to be preferred.

Lilac Spire. Lilac, deeper than Blue Bell.

***Los Angeles Improved.** Very fine brilliant salmon rose.

Miss California. Deep salmon rose, slightly lighter than Carmen King.

Sweet Lavender. Light lavender blue with extra large flowers.

***White Spire.** Pure white.

Prices on all above named varieties— $\frac{1}{4}$ oz. 30c, oz. \$1.00, lb. \$10.00.

Martin's Imperial Mixed. $\frac{1}{4}$ oz. 25c, oz. 80c, lb. \$8.00.

Tall Hyacinth Flowered Larkspur

Carrying very few side branches this type produces one large spike.

Dark Blue	Pink
Lilac	White

Any color, $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00, lb. \$10.00.

Mixed colors, $\frac{1}{4}$ oz. 25c, oz. 75c, lb. \$8.00.

Lace Flower—See Didiscus

Lantana

Hybrida Mixed. Shrubby plants about $2\frac{1}{2}$ ft. tall. Useful for winter blooming or as outdoor bedding plants. $\frac{1}{4}$ oz. 20c, oz. 60c.

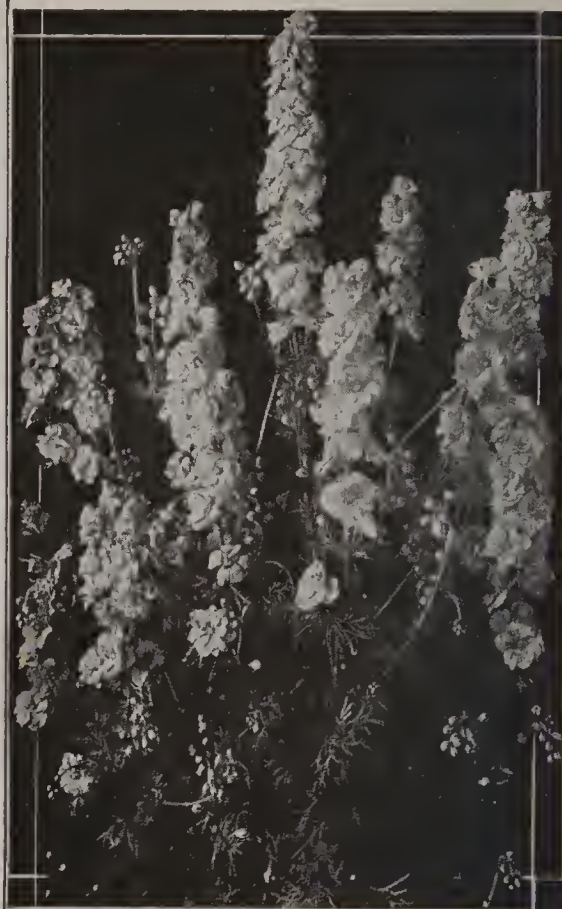
Dwarf Hybrids. Dwarf compact plants about 1 foot tall. $\frac{1}{4}$ oz. 25c, oz. 80c.

Leptosyne

Long stemmed yellow daisies, quite similar to Coreopsis, excellent for cutting. May be flowered in the greenhouse also.

Stillmani. Golden yellow blooms, plants 12 to 15 inches high. Outdoors it blooms in 6 weeks from sowing of seed. $\frac{1}{8}$ oz. 15c, $\frac{1}{4}$ oz. 25c, oz. 80c.

Golden Rosette. A new double form of Stillmani. The butter yellow rosette like flowers are very freely borne. An excellent yellow for cutting. Tr. Pkt. 25c.



Larkspur, the Giant Imperial Type

Lobelia

For good plants to set out in May start the seed in January as it comes slowly and the seedlings grow slowly. Plants potted individually are best. We have selected our varieties with great care and can thoroughly recommend the strains.

Compact Varieties, 4-5 inches tall

Blue Stone. New strain of clear gentian blue, with no white eye. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 70c, oz. \$2.50.

Cambridge Blue. Light blue with green foliage. $\frac{1}{8}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

Crystal Palace. Rich deep blue with white eye and dark foliage. $\frac{1}{8}$ oz. 20c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

Prima Donna. Rich velvety maroon. Compact but taller than others in this group, 10 inches. $\frac{1}{8}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

White Lady. A splendid compact white flowered variety. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 70c, oz. \$2.50.

Pendula or Trailing Varieties

Sapphire. By many considered the best for hanging baskets. Large flowers, deep navy blue with clear white eye. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 70c, oz. \$2.50.

Hamburgia. Sky blue with white eye. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, oz. \$2.25.

Miranda. Rosy purple, white eye. $\frac{1}{8}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c.

Tenuior or Ramosa Compacta

Erect growing, 12 to 15 inches tall, of fine gentian blue. Excellent bedding variety, large flowered and a splendid winter bloomer for the greenhouse. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, oz. \$2.50.

Linaria

Bushy little plants 10 to 15 inches tall covered with delicately colored flowers. Nice for bouquets. The flowers resemble miniature snapdragons.

Excelsior Hybrids. Very showy colors. $\frac{1}{4}$ oz. 15c, oz. 45c.

Fairy Bouquet. Includes the lighter and more delicate shades. Quite dwarf (8 to 10 inches) making a nice pot plant. Tr. Pkt. 20c, $\frac{1}{4}$ oz. 60c.

Marigolds

We believe our list includes the finest Marigolds to be found today. The modern Marigolds are of great values to the grower of plants and to the grower of cut flowers.



Marigold, Our Improved Guinea Gold

Carnation Flowered Marigolds

These varieties have the loose informal petal arrangement like the accompanying illustration of Guinea Gold. All are tall growing with long stems, and are indispensable for cutting.

Guinea Gold Improved. An excellent strain of this valuable variety. Pyramidal plants 2½ ft. high covered with graceful golden orange flowers. ¼ oz. 25c, oz. 80c.

Yellow Supreme. Large fluffy well-rounded blooms of rich creamy yellow color and delicately mild honey fragrance. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.10.

Golden Eagle. Plant habit similar to Guinea Gold, but the color is bright gold without the orange, and the petals are more frilled and wavy. Very fine. Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.00.

Lemon Gem. Bright lemon yellow, counterpart of Golden Eagle. Slightly deeper than Supreme. Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.00.

Tall French Varieties

Double Scotch Striped (Royal Scot). Plants 2½ ft. tall with dazzling flowers of brown, broadly striped with gold. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Tall French Double Mixed. ¼ oz. 15c, oz. 45c.

Tall Single Josephine. A good florists flower, brown edged with gold. ¼ oz. 15c, oz. 45c.

Australian Giant Tree. Very late blooming, golden yellow and brown flowers. An excellent winter bloomer for the greenhouse. Tr. Pkt. 25c, oz. \$1.00.

Liebs Winter Marigold. A popular greenhouse variety. Brown with golden crested center. Tr. Pkt. 40c, oz. \$2.00.

Liebs Winter Sunshine. New selection of bright golden yellow. Tr. Pkt. 60c.

Dixie Sunshine. Tall growing and very late, so it must be started early in the Northern States. Flowers bright golden yellow with tubular incurved petals resembling a Chrysanthemum. Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.00.

Tall Double African

These produce the large formal ball-shaped flowers like the accompanying illustration. The plants are tall, with good long stems for cutting.

Orange All Double. Rich orange.

Lemon All Double. Bright lemon yellow.

Either variety—¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Improved Florists Strains

These two strains are unexcelled for size and formation of bloom. Under good conditions the flowers are close to perfect.

Orange Prince Improved. Rich orange.

Lemon Queen Improved. Lemon yellow.

Either variety—¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Golden Emblem. Enormous ball shaped flowers of deep golden yellow, midway in effect between the Orange and Lemon. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.25.

Tall Double African Mixed. Ball shaped blooms, yellow, gold and orange. ¼ oz. 25c, oz. 75c.

Dwarf Double African Varieties

Plants 12 to 15 inches tall each one a pyramid of flowers which are very large for such dwarf plants. Very early, the first Marigolds to bloom in our trial grounds. Excellent for bedding or borders.

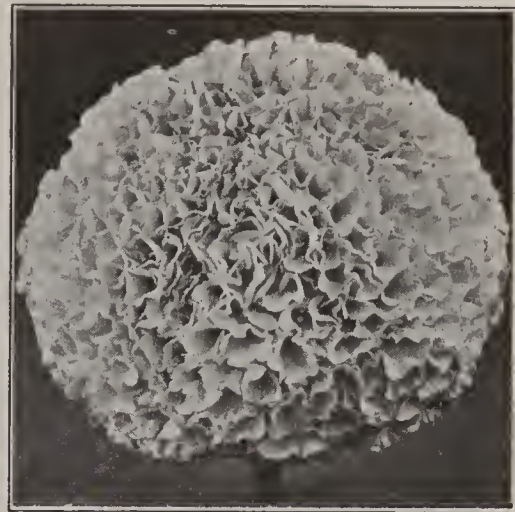
Golden Queen Orange Queen Yellow Queen. Mixed.

Any Variety or Mixed—¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Mexican Dwarf Orange. Unlike any other Marigold, semi-dwarf, freely branched, carrying quantities of bright orange, rounded flowers. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.



Marigold Collarette, Crown of Gold



Marigold, All Double Orange

New for 1938

Separate color and form selections from Chrysanthemum flowered Hybrids. These are the incurved quilled type which do very closely resemble "Mums".

Incurved Quilled Orange

Incurved Quilled Golden

Incurved Quilled Yellow

Any color or mixed Tr. Pkt. 35c.

New African Pompon

Lemon Yellow. Growing about 2½ ft. high freely branching, the flowers are 2 inches across of clear lemon yellow. The petals are loosely quilled, and stiff enough to permit handling with out damage. We recommend it as a cut flower and for garden decoration. Tr. Pkt. 35c, ¼ oz. 80c, oz. \$2.50.

Little Giants Mixed

The plants averaging only 15 inches tall often produce heads of 20 to 25 or more large rounded flowers 3 to 4 inches across. Colors range from light yellow to deep orange through all the intermediate shades. Makes an excellent pot or border plant because of the wealth of bloom. The type is dwarf with dark bluish green foliage. Some taller plants will appear but they can be rogued out early as they will have light green foliage. Tr. Pkt. 50c, ¼ oz. \$1.50.

Novelty and Hybrid Marigolds

The past few years have seen a tremendous interest in Marigolds on the part of the public and plant breeders and hybridizers. The result is a great number of new varieties each year. We are endeavoring to select the best for you each season.

Three 1937 Introductions

Collarette Crown of Gold. Gold Medal winner in 1937 trials. An entirely distinct variety in which the marigold odor is lacking in both flowers and foliage. The flower is clean golden orange rather small to medium in size. Quilled erect petals in center with a surrounding row of flat drooping petals. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Gigantea Sunset Giants. Huge rounded flowers through all shades of yellow, gold and orange. Tall well-branched plants, both foliage and flowers lacking any objectionable marigold odor. Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.00.

Chrysanthemum Flowered Hybrids. Includes many new and distinct forms, some with quilled incurved petals like Chrysanthemums, others are quilled in the center only. Colors in all shades of yellow and orange, and flowers vary in size from 2 to 4 inches. Tr. Pkt. 25c, ¼ oz. 80c, oz. \$2.50.

More Marigolds



Martin's Excellent Dwarf French Marigold

Dwarf Double French

Very useful dwarf bushy plants, 10 to 12 inches high, perfect mounds of bloom.

Three New Strains

All Double Dwarf Royal Scot. Plants bushy, uniformly 10 to 12 inches high. Flowers are very bright striped mahogany and gold. Practically 100% double. **Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.00.**

Golden Ball Monarch Strain. Improved over standard Golden Bell in that it has extra large double flowers and very uniform plant growth. **Tr. Pkt. 25c, oz. 90c.**

Harmony. An outstanding dwarf double French variety and our strain is just about perfect. Bushy plants 12 to 15 inches tall are covered with blooms. The flower consists of a central crest of deep orange surrounded by a collar of broad maroon petals. Early to bloom and a real beauty. **Tr. Pkt. 25c, oz. 90c.**

Standard Varieties

Dark Brown. With thin gold edging.

Electric Light. Lemon yellow with mahogany at base of petals.

Golden Ball. Golden yellow.

Pallida. Sulfur or lemon yellow.

Robert Beist. Very dark maroon.

Spotted. Showy, yellow spotted brown.

Any variety—¼ oz. 15c, oz. 50c.

Good Mixed—¼ oz. 15c, oz. 40c, ¼ lb. \$1.25.

MARTIN'S EXCELLENT MIXTURE DWARF DOUBLE FRENCH

A very superior strain of all the colors. ¼ oz. 25c, oz. 75c.

Lilliput Pygmy Double Choice Mixed. Tiny Doubled blooms even smaller in plant and flowers than the Dwarf French ¼ oz. 25c, oz. 75c.

Single French Fire Cross. Very bright saffron orange with reddish brown center. ¼ oz. 15c, oz. 40c.

Single Legion of Honor or Little Brownie. We have a very uniform strain of this popular variety. ¼ oz. 15c, oz. 40c.

Tagetes—Small Flowered Marigolds

Signata Pumila. Bushy plant, 1 ft. high, and with 1 ft. spread, literally covered with small bright golden yellow and orange flowers. One of the brightest of all border plants. ⅓ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Little Giant Signata Pumila. A still more dwarf and compact strain, only 6 to 8 inches high. Gold and orange. ⅓ oz. 30c, ¼ oz. 50c, oz. \$1.75.

Signata Pumila Lemon Ring. Flowers of clear lemon yellow. ⅓ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Lupines

Excellent outdoor garden and greenhouse subjects. They like cool moist conditions and are difficult to transplant. In the greenhouse January seedlings will bloom in May.

The New King Group (Hartwegi Giants)

Improved taller and larger flowered strain.

King Sky Blue **King Deep Blue**
King White **King Heliotrope**
Any color—¼ oz. 20c, oz. 60c.
King Mixed. ¼ oz. 15c, oz. 45c.

The Standard Hartwegi Varieties

Albus, white **Oxford Blue, deep.**
Cambridge Blue, light **Roseus, rose pink**
Any color—¼ oz. 10c, oz. 30c, lb. \$3.00.
Hartwegi Mixed. ¼ oz. 10c, oz. 25c, lb. \$2.50.

Martynia

Proboscidea. An easily grown annual, the fruits of which are edible when green. When dry they take on very interesting bird-like shapes. An ornamental novelty for the flower store. **Tr. Pkt. 25c, oz. \$1.50.**

Matthiola

Evening Scented
Stocks

Lilac flowers closed during the day but open and giving out great fragrance at night. ¼ oz. 10c, oz. 30c.

Matricaria—Feverfew

While really a perennial, Florists find *Matricaria* valuable as a greenhouse cut flower and pot plant. Early summer sowings will make attractive pot plants for the following spring sales. Seed started in February or March will give cut flowers during late summer and fall.

Grandiflora Double White Reselected. The best strain for cutting. **Tr. Pkt. 35c, ¼ oz. 65c, oz. \$2.00.**

Dwarf Double Snowball. For potting. ⅓ oz. 30c, ¼ oz. 55c, oz. \$1.80.

Dwarf Double Golden Ball. ⅓ oz. 30c, ¼ oz. 55c, oz. \$1.80.

Mesembryanthemum

Crystallinum—Ice Plant. Semi trailing plants for hanging baskets and rock garden. Thick foliage with icy or frosted effect. ¼ oz. 15c, oz. 45c.

Mignonette

The Best Forcing Varieties

New York Market. Bushy plants producing fairly tall heavy spikes with a decided reddish tinge. **Tr. Pkt. 50c, ¼ oz. \$1.75, oz. \$6.00.**

Balls Forcing. Taller growing than the foregoing with more slender spikes. Reddish tinge, light in effect and earlier than New York Market by two to three weeks. **Tr. Pkt. 50c, ¼ oz. \$1.75, oz. \$6.00.**

Golden Goliath. ⅓ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Red Goliath. ⅓ oz. 20c, ¼ oz. 35c, oz. \$1.00.

For Outdoor Growing

Golden Queen. ¼ oz. 15c, oz. 35c.

Odorata. ½ oz. 10c, oz. 15c, ¼ lb. 50c.

Mimosa Pudica

Sensitive
Plant

A curious plant with fern-like leaves which close up tight to the stem when touched. ¼ oz. 15c, oz. 40c.

Mimulus

Monkey
Flower

Tigrinus—Queen's Prize. A fine pot plant or for bedding in shady places. Prettily colored and spotted flowers resembling small *Gloxinias*. **Tr. Pkt. 20c, ¼ oz. 75c.**

Morning Glory

Japanese Imperial. Large flowers in rich color combinations. ¼ oz. 10c, oz. 25c, ¼ lb. 70c.

Rochester Blue. Blue fringed silvery white. Very pretty. ¼ oz. 15c, oz. 45c.

Tall Mixed. Oz. 10c, ¼ lb. 30c.

Minor or Dwarf Mixed. For rock garden or bedding. Oz. 10c, ¼ lb. 30c.

(See also *Ipomea*)



Nasturtium, Golden Glean

Nasturtiums

Best Double Varieties

Double *Nasturtiums* succeed best when grown on soil that is not rich and when kept a little on the dry side.

Semi Trailing Glean Varieties

Fire Glean. New Bright Scarlet variety.

Golden Glean. The original double *Nasturtium*.

Mahogany. Dark Mahogany Red.

Moonglean. Light golden cream.

Orange Glean. A glowing golden orange.

Salmon Glean. Delicate golden salmon.

Scarlet Glean. The scarlet counterpart of Golden Glean.

Sunglean. Bright lemon yellow.

All above varieties—oz. 15c, ¼ lb. 50c.

Glean Hybrids. Contains a brilliant assortment of above and many other shades. oz. 15c, ¼ lb. 40c, lb. \$1.20.

Dwarf Globe Varieties

Golden Globe. Uniformly compact dwarf plants with flowers of the same shade as Golden Glean. oz. 15c, ¼ lb. 50c.

Scarlet Globe. Fiery scarlet. oz. 20c, ¼ lb. 60c.

Dwarf Gem Mixture. A good range of colors in this new gem or dwarf compact type. oz. 15c, ¼ lb. 50c, lb. \$1.50.

Single Nasturtiums

Finest Dwarf Mixed—oz. 10c, ¼ lb. 35c, lb. \$1.00.

Tall Mixed Nasturtiums—oz. 10c, ¼ lb. 35c, lb. \$1.00.

Nemophila—Baby Blue Eyes

Insignis Blue. Pretty little rock garden or border plants 5 to 6 inches high with blue flowers with contrasting white eyes. ¼ oz. 10c, oz. 30c.

Nigella, Love in a Mist

Miss Jekyll Blue. Hardy annual 15 inches high with finely cut foliage, with good sized oddly shaped double bright blue flowers, which are unusual enough to attract attention. ¼ oz. 10c, oz. 25c.

Pansies

The following are what we believe to be the finest Pansy strains produced today.

Martin's Brilliant Mixture This mixture contains the widest range of colors and more rare shades of color than any other strain of Pansy that we have ever seen. All combinations are present in solid colors, blotched, faced and bordered. The flowers are all of great size, of good substance and most are prettily frilled. Under favorable conditions the flowers reach a diameter of 4 inches or more. The plants are compact, yet of good strong growth bearing long stems. Tr. Pkt. 75c, 1/8 oz. \$1.50, 1/4 oz. \$2.75, oz. \$10.00.

Special Market Mixture A wonderfully good mixture at a moderate price. The flowers have the Trimardeau colors but are much larger. The colors are mostly of the brighter light shades. However there are enough dark shades present to give good balance to the mixture. The plants are compact, the ideal type for selling in baskets. 1/8 oz. 50c, 1/4 oz. 90c, 1/2 oz. \$1.60, oz. \$5.50, 2 ozs. \$10.00, 1/4 lb. \$18.00.

Engelmann's Special Giant This strain contains many blooms of the Scotch show type, reselected to produce immense well formed flowers. It includes the bronze and reddish shades, yellow edged and also the real light bright colors. The plants are compact and early flowering, vigorous in growth. Excellent for bedding. The seed we offer you is the introducer's strain from Mr. Engelmann. Tr. Pkt. 50c, 1/8 oz. \$1.20, 1/4 oz. \$2.25, oz. \$8.00.

DeLuxe Swiss Giants Mixed The characteristics are great size of flowers, richness of coloring, great substance of the flowers and length of stems. Excellent for greenhouse growing as well as for outdoor plantings. The flowers are carried well above the foliage. Rich bronze, crimson, mahogany shades and blues predominate. Tr. Pkt. 50c, 1/8 oz. \$1.00, 1/4 oz. \$1.75, oz. \$6.00.

Roggli's Swiss Giants. Good mixed. A good strain, descendant from the original introducers stock seed. 1/8 oz. 40c, 1/4 oz. 75c, 1/2 oz. \$1.25, oz. \$4.50, 2 ozs. \$8.00, 1/4 lb. \$15.00.



PANSY, MARTIN'S BRILLIANT

Separate Colors Swiss Giants

These are the finest of all named varieties of Pansies. All are large, the flowers with excellent substance and good stems.

- Alpenglow.** Rich Indian Red Shades.
- Aureola.** Gold with blending scarlet. Very brilliant. Tr. Pkt. 50c, 1/8 oz. \$1.00.
- Aurora.** Wine red.
- Berna.** Dark violet blue with almost black blotches.
- Pure Gold.** Deep rich golden yellow. The truest pure yellow Pansy.
- Rheingold.** Yellow with dark blotches.
- Silverbride.** Silvery white with rosy purple blotches.
- Swiss White.** Finest white Pansy. Tr. Pkt. 50c, 1/8 oz. \$1.10, 1/4 oz. \$2.00, oz. \$7.00.
- Thunersca (Swiss Blue).** Bright blue with darker blue blotches.

Any above varieties, except where noted, 1/8 oz. 40c, 1/4 oz. 75c, 1/2 oz. \$1.40, oz. \$5.00.

Pansy, Coronation Gold

A grand new Pansy which won an Award of Merit in the All-American selections. Flowers large, golden yellow touched with orange at center. Flowers of good substance and long stemmed. Tr. Pkt. \$1.00, 1/8 oz. \$2.00, 1/4 oz. \$3.50, oz. \$12.00, Half Trade Pkt. 60c

Don's Winter Flowering Tall Pansy. Select strain growing 3 to 4 ft. tall for winter and spring cutting in the greenhouse. Tr. Pkt. \$2.00.

Maple Leaf Giants. A distinct strain with very large leaves and enormous flowers. Varied color combinations. Tr. Pkt. 50c, 1/8 oz. \$1.10, 1/4 oz. \$2.00, oz. \$7.00.

Winter Flowering Mixed, (Hiemalis). Of extreme earliness. Seed sown in July will start in October and bloom all winter. 1/8 oz. 20c, 1/4 oz. 35c, oz. \$1.00.

Giant Trimardeau Pansies

These are all good large flowered varieties, second only to the Swiss Giant.

- Adonis.** Light blue with white eye.
- Bridesmaid.** White, shaded rose.
- Cardinal.** Brilliant red with dark blotches
- Emperor William.** Ultramarine blue.
- Gold Margined.** Dark Pansy with gold
- Golden Queen.** Fine pure yellow.
- King of Blacks.** Very dark almost black.
- Lord Beaconsfield.** Lower petals purple, upper light lavender.
- Prince Henry.** Rich blue with dark eye.
- Red Riding Hood.** Fiery red. Large size.
- Snow White.** Glistening pure white.
- St. Knud (Orange King).** Golden orange 1/8 oz. 30c, 1/4 oz. 55c, oz. \$2.00.
- White with Purple Blotch.**
- Yellow with Black Blotch.**
- Any above, except St. Knud—1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.
- Giant Trimardeau Mixed.** Good mixture of richly marked varieties. 1/8 oz. 25c, 1/4 oz. 40c, oz. \$1.25, 1/4 lb. \$4.00.



Nemesia, Excellent Dwarf

Nemesias

Mother's Day Forget-Me-Not

The Nemesias make excellent pot plant subjects. For late February and March bloom start seed in mid August or September 1st. For early spring bloom start seed in December or January. When kept cool the flowers have good keeping qualities. Also start some Nemesia seed for May and June plant sales.

Grandiflora Strumosa Suttoni

Best for cutting 12 to 15 inches tall
Sutton Blue. Rich bright blue. Tr. Pkt. 35c, 1/4 oz. \$1.00.

Grandiflora Suttoni Mixed—Tr. Pkt. 25c, 1/4 oz. 75c, oz. \$2.50.

Nana Compacta Dwarf Varieties

For potting, 8 to 9 inches

- Blue Gem Improved.** Very fine strain.
- Fire King.** Brilliant scarlet.
- Anrora.** Very showy red and white.
- Orange Prince.** Large rich orange. Above—Tr. Pkt. 35c, 1/4 oz. 75c.
- Martin's Excellent Dwarf Mixed.** Especially fine selection, large flowered but very dwarf and compact. Tr. Pkt. 35c, 1/4 oz. \$1.00.

Nicotiana The Sweet-scented Flowering Tobacco

- Affinis White.** The popular sweet scented white. 1/4 oz. 15c, oz. 40c.
- Affinis Hybrida Red Shades.** Deep rose to crimson. 1/4 oz. 20c, oz. 60c.
- Affinis Hybrida Mixed.** White, pale pink, rose and red. 1/4 oz. 15c, oz. 50c.
- Dwarf Crimson Bedder.** Excellent bedder, 15 to 18 inches high, bright red flowers. Tr. Pkt. 25c, 1/4 oz. 75c, oz. \$2.50.
- Miniature White (Suaevolens).** A dwarf white fragrant variety. Tr. Pkt. 50c.

Nierembergia

Hippomannica. A new type, plants 4 to 5 inches high, bushy, a perfect mound of delicate lavender blue flowers. Has a long period of bloom, doing well in the greenhouse as well as outdoors. Try them as small pot plants. Tr. Pkt. 50c.

Graellis. Pretty semi-trailing plant for hanging baskets, window boxes, etc. The small cup-shaped flowers are bluish white or white veined with blue, with yellow throat.

Martin's Fine Petunias

Our list of Petunia seeds has been very carefully selected to include the very best the world affords. On practically every strain we have inspected parent plants of our seed stocks and also run trials in our own grounds so we have had an excellent opportunity to compare values and judge claims.



Showing Type of All Double Giant Fringed

OTHER DOUBLE MIXED PETUNIAS

GIANT DOUBLE FRINGED. The best of the American grown strains. Not 100% double, but our trials show a good percentage of double and an excellent color assortment of bright shades. **Tr. Pkt. \$2.00, 3 for \$5.00, 1/2 Tr. Pkt. \$1.00.**

CARNATION FLOWERED ALL DOUBLE. Excellent dwarf strain of smaller or carnation flowered doubles. **Tr. Pkt. \$2.00.**

DOUBLE ROSY MORN. Percentage of doubles small, but all are attractive blooms. **Tr. Pkt. \$1.00.**

TESTED SEED. Our Petunias Will Grow If Given Proper Conditions. Every Lot Is Tested. **INSURE RESULTS**

EXTRA-DWARF SINGLE FRINGED

A type originated in Germany under the name of the Fringed Dwarf Erfurt Petunias. The plants are very dwarf and compact, yet free flowering and the flowers are good sized, very fringed and lacy. A very valuable class for **potting or bedding.** Colors run quite true.

CLEAR PINK (Montebello) A new member of this group. A lighter shade than Setting Sun, clear La France Pink. **Tr. Pkt. \$1.00.**

SETTING SUN. The finest of the extra dwarf single fringed Petunias. An exceedingly bright rose pink that everybody likes. Plants very dwarf, compact and literally covered with blooms.

GOTTFRIED MICHAELIS. Amaranth red, excellent type but in our opinion lacking the brightness of Setting Sun.

LACE VEIL. Very well named, pure white with petals so fringed and frilled as to give a lacy effect.

GAIETY. A very fancy and gay combination of rose and white.

FANCY MIXED DWARF FRINGED. Contains the above and other shades.

Prices on above **Tr. Pkt. 50c, 1/64 oz. \$1.50, 1/32 oz. \$2.50, any 3 Pkts. \$1.25**

The World Famous ALL DOUBLE Petunias

We have the originators' strains of seed and highly recommend them. The doubleness is practically 100% and trueness to color and uniformity in plant growth is remarkably high.

DWARF GIANT FRINGED ALL DOUBLE

The largest fringed and ruffled flowers. Dwarf habit.

ROSE CARMINE OR WORLD BEAUTY. This rich rosy carmine is certainly a beauty. Good dwarf habit. Our trials show only a reasonable variation in shade and practically all giant double fringed blooms.

LOVELINESS. A really pleasing clear soft pink, quite a little lighter in effect than World Beauty.

BRIGHT AMARANTH RED. An extra dwarf variety, one of the best for pots. Color is bright bud deeper than World Beauty and very rich.

GAIETY. Very showy shades of deep rose and white and pink and white. Mostly large fringed flowers, some are smaller carnation-flowered.

DWARF SUPERB ALL DOUBLE PEONY FLOWERED

Habit of growth similar to Dwarf Fringed. The flowers are large, fully double but lack the fringed edge to the petals.

SUPERB CARMINE GLORY. A very rich shade of rosy pink about the same shade as World Beauty, very free flowering and in growth a trifle taller.

SUPERB PINK GLORY. This is the all double flowering type of the popular "Dwarf Pink Glory." It is a beauty and nearly 100% dwarf.

SUPERB DWARF ALL DOUBLE WHITE. In our trials this was the finest double white Petunia. Good dwarf growth.

SUPERB DWARF PURPLE GLORY. Most growers want at least a few plants of this rich velvet purple shades.

Prices on all above separate colors of all Double Petunias **Trade Pkts. (containing 1000 or more seeds) \$2.00 each, any 3 for \$5.00. Half trade Pkts. \$1.00 each.**

ALL DOUBLE MIXTURES

ALL DOUBLE DWARF PINK AND ROSE SHADES MIXED. The entire range from the lightest pink to the deep Amaranth Red in both the Victorious fringed and Superb Peony flowered types. **Tr. Pkt. \$2.00, 3 for \$5.00**

DWARF GIANT FRINGED VICTORIOUS. The finest mixture of Dwarf Double Petunias, including all colors available Dwarf, compact growth makes the plants suitable for potting or bedding. **Tr. Pkt. \$2.00, 3 for \$5.00, 1/64 oz. \$6.00, 1/32 oz. \$11.00.**



Lace Veil, Extra Dwarf Fringed Type

Grandiflora, Single Fringed Petunias

These varieties are next in size to the giants and they have prettily fringed lacy petals. As a class, they run very true to color descriptions, showing some variation in shade and also in size and formation. Free flowering, excellent for pots, porch boxes, baskets or bedding. The following varieties have been personally selected by us as being the best.

Three New Large Fringed Varieties for 1938

APPLE BLOSSOM. Delicate Apple Blossom pink. Tr. Pkt. 50c, 1/64 oz. \$1.25.

LADY GAY. Pure white edged and mottled rosy red. Tr. Pkt. 50c, 1/64 oz. \$1.25.

RAPTURE. Brilliant rose pink, deepening in center to carmine rose. The flower is veined with deeper carmine and the throat is golden yellow, veined amber. Large and well fringed. Tr. Pkt. 50c, 1/64 oz. \$1.50.



THEODOSIA

DAINTY LADY. The nearest approach to a yellow Petunia. Light delicate shade with golden throat, effective especially when grown with a deep purple blue. Tr. Pkt. 75c, 1/64 oz. \$2.50.

MARINE OR FRINGED ELKS PRIDE. Best of the deep violet blue fringed varieties, almost identical in color with the plain petalled Elks Pride. Tr. Pkt. 75c, 1/64 oz. \$1.75, 1/32 oz. \$3.00.

MIRANDA. Rosy carmine deeper in shade than Scarlet Beauty. Dark throated. Tr. Pkt. 50c, 1/32 oz. \$1.50.

PRIDE OF PORTLAND. Very large, bright and uniform rose pink. Slightly lighter in effect than Theodosia. Tr. Pkt. 50c, 1/32 oz. \$1.50.

ROMANY LASS. Crimson with coppery caste, very dark with almost black throat. Tr. Pkt. 50c, 1/64 oz. \$1.25, 1/32 oz. \$2.25.

SALMON BEAUTY. A pretty shade of pink with a distinct salmon tint. Delicate, rather than showy. Reasonably true from seed. Tr. Pkt. 75c, 1/64 oz. \$1.75.

SCARLET BEAUTY. A very good deep rose pink, almost scarlet, with dark throat. Tr. Pkt. 50c, 1/32 oz. \$1.50.

STEEL BLUE (Coerulea). Heliotrope or lavender with dark veinings. Tr. Pkt. 50c, 1/32 oz. \$1.50.

THEODOSIA. Excellent well fringed rich rose with contrasting golden center. Splendid for potting or bedding. Tr. Pkt. 50c, 1/64 oz. \$1.25, 1/32 oz. \$2.25.

WHITE BEAUTY. Beautiful fringed white. Tr. Pkt. 50c, 1/32 oz. \$1.50.

MARTINS EXCELLENT FRINGED MIXED. Tr. Pkt. 50c, 1/2 oz. \$1.50, 1/8 oz. \$2.75



Petunia, Martin's Excellent Dwarf Giants

Giant Monster Petunias

The Giants of California or Fimbriata Superbissima Group
The Largest of all Petunias. Heavily ruffled and fringed.

Martin's Excellent Dwarf Giants

Our No. 1 Giant Flowering Ruffled Strain for potting. After much observation and questioning, we believe this mixture, as offered, meets the critical ideas of the majority of growers. Although both light and dark shades are present, the mixture as a whole, leans to the darker, richer, reddish, cerise and copper shades. When properly growth, the plants will be dwarf and compact. Tr. Pkt. \$1.00, 1/32 oz. \$3.00, 1/16 oz. \$5.75, 1/8 oz. \$10.00.

DWARF GIANTS RAMONA STRAIN.

Light and dark shades mixed. Enormous flowers on strong bushy plants.

DWARF RAMONA LIGHT SHADES.

Lighter shades from the above strain.

DWARF RAMONA DARK SHADES.

Most of the darker rich shades.

Prices on above Ramona Strains — Tr. Pkt. \$1.00, 1/32 oz. \$2.50, 1/16 oz. \$4.50, 1/8 oz. \$8.00.

Standard Giants of California Taller Strains

IMPROVED GIANTS OF CALIFORNIA

MIXED. A well balanced mixture of light and dark shades, including many pinks and rose to add brightness. Our seed is from the choicest plants. Preferred over the dwarf strains for outdoor growing as the plants flower more freely. Tr. Pkt. 50c, 1/32 oz. \$1.75, 1/16 oz. \$3.00, 1/8 oz. \$5.50.

FLORISTS ROSE & PINK SHADES.

Very large ruffled open-throated flowers, freely produced. Excellent for bedding and window boxes. Shades of light pink to deep rose. Tr. Pkt. \$1.00, 1/64 oz. \$2.75, 1/32 oz. \$5.00.

Ruffled Giants in Separate Varieties

The varieties we have selected from many trials, we are convinced are the best. They are reasonably true to color.

DEEP ROSE. Dwarf compact plant, mammoth flowered, wide open throat with desirable deep rose shades and attractively pencilled markings.

GERMAN EMPRESS. Lilac with distinct purple veins.

GIANT COPPER RED. Rich red with copper tint, dark throat.

PRINCESS OF WURTTENBERG. Rose pink, veined purple, garnet throat.

PRINCE OF WURTTENBERG. Dark crimson, black throat.

RHEINGOLD. White, bright yellow throat.

Any above—Tr. Pkt. 75c, 1/64 oz. \$1.50, 1/32 oz. \$2.75, any 3 Tr. Pkts. \$2.00.

5% Discount for Cash with order on all seeds.



GIANTS OF CALIFORNIA



Dwarf White Glory or Snowstorm

Grandiflora Plain Petalled

BURGUNDY. A new variety given special mention in the All American selections summer of 1936. The flowers are very large, of a deep rich Burgundy red, with contrasting inconspicuous white throat. Tr. Pkt. 50c, 1/32 oz. \$1.50.

Dwarf White Glory or Snowstorm (see illustration)

A new pure white, large flowered Petunia, which we predict you will like. Whites are popular now and White Glory is so uniformly dwarf and compact that it is wonderful for pots or bedding. Tr. Pkt. 75c, 1/64 oz. \$1.75.

DWARF PINK GLORY IMPROVED. Rich rose pink, one of the brightest of all Petunias. Tr. Pkt. 50c, 1/64 oz. \$1.50, 1/32 oz. \$2.50.

ELKS PRIDE SELECT STRAIN. Most popular of this class. The finest deep velvety purple. Our stock is unexcelled. Tr. Pkt. 50c, 1/32 oz. \$1.75, 1/16 oz. \$3.00.

DWARF ELKS PRIDE. Tr. Pkt. 75c.
PURPLE PRINCE. A shade lighter and a little taller than Elks Pride. Tr. Pkt. 50c, 1/32 oz. \$1.00, 1/16 oz. \$1.75.

QUEEN OF THE MARKET, THE RED PETUNIA. A dwarf compact grower. Flowers deep carmine red with a scarlet touch that adds to the brightness. Tr. Pkt. 50c, 1/64 oz. \$1.50.

WHITE CLOUD. Compact plants, large flowers of pure white. Tests show our strain to be exceptionally good, showing minimum of variation. Tr. Pkt. 50c, 1/32 oz. \$1.75.

GRANDIFLORA MIXED. Tr. Pkt. 50c, 1/32 oz. \$1.00, 1/16 oz. \$1.75.

BALCONY PETUNIAS

Pendulous or semi-trailing varieties. **BALCONY QUEEN, ADMIRATION,** A lovely variety of the richest velvety blue with variable white stripes and blotches. Tr. Pkt. 50c, 1/64 oz. \$1.50.

BLACK PRINCE. Another splendid new variety of deep velvety red. In our trials of last summer this came 100% true. We consider it superior to Flaming Velvet. Tr. Pkt. 35c, 1/8 oz. \$1.00, 1/4 oz. \$1.80.

BALCONY BLUE. An excellent strain of the rich deep blue variety. Tr. Pkt. 35c, 1/8 oz. 85c, 1/4 oz. \$1.50, oz. \$5.00.

CORNFLOWER BLUE. Lighter than Balcony Blue. Tr. Pkt. 35c, 1/8 oz. 85c, 1/4 oz. \$1.50, oz. \$5.00.

STANDARD BALCONIES

Crimson — Rose — White

Any of these three colors — Tr. Pkt. 25c, 1/8 oz. 60c, 1/4 oz. \$1.00, oz. \$3.50.

BALCONY MIXED. Makes a brilliant bed or border. Tr. Pkt. 25c, 1/8 oz. 45c, 1/4 oz. 85c, oz. \$3.00.

Hybrida Erectas

New Varieties for 1938

SALMON SUPREME. This new Petunia was given the highest award of merit in All-American Selections for 1938. The flowers, as they open, change from rich coral salmon to soft salmon pink, an entirely new shade for Petunias. Tr. Pkt. 60c.

DAZZLER. The introducer claims for this new variety, the same close compact habit as Celestial Rose with even brighter color. Tr. Pkt. 35c, 1/8 oz. \$1.00, 1/4 oz. \$1.75.

DWARF HOWARDS STAR. Of bushy branching growth, dwarfer and more compact than the original. Tr. Pkt. 35c, 1/8 oz. 85c, 1/4 oz. \$1.50.

TWINKLES. Very bright, brilliant rose, starred white. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 85c, oz. \$3.00.

Standard Varieties

ALDERMAN. Deep violet, lightening to blue. 1/8 oz. 35c, 1/4 oz. 60c, oz. \$2.00.

BLUE BEDDER OR SUTTONS BLUE. A real blue. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 75c, oz. \$2.50.

BLUE BIRD (Violacea). Best deep blue violet shade in dwarf Petunias. Same shade as Elk's Pride. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 80c, oz. \$2.75.

CELESTIAL ROSE (Select Strain).

Celestial might be called an improved and extra dwarf Rose of Heaven. It is sparkling bright shade and the plants are compact, bushy and literally covered with flowers. 1/16 oz. 35c, 1/8 oz. 60c, 1/4 oz. \$1.00, oz. \$3.75.

COCKATOO, RESELECTED. A fancy variety, dwarf growing, deep violet, with irregular white spots and stars. 1/16 oz. 35c, 1/8 oz. 60c, 1/4 oz. \$1.00, oz. \$3.75.

NORMA. Blue with white star. 1/8 oz. 30c, 1/4 oz. 55c, oz. \$1.75.

ROSE OF HEAVEN, SELECT STRAIN. A very good strain of this most popular variety. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 85c, oz. \$3.00.

ROSE OF HEAVEN, STANDARD. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

ROSY MORN. Standard strain. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

ROSY MORN, MARTINS IMPROVED. Improved in uniformity of coloring. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 85c, oz. \$3.00.

SILVER BLUE (Heavenly Blue). A silvery light blue strain. 1/16 oz. 30c, 1/8 oz. 55c, 1/4 oz. \$1.00, oz. \$3.50.

SNOW QUEEN. Pure White. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 75c, oz. \$2.50.

STRIPED & BLOTCHED (Inimitable) 1/8 oz. 30c, 1/4 oz. 55c, oz. \$1.75.

PETUNIA HYBRIDA

TOPAZ ROSE. A flower of great brilliance, fiery rose, suffused with gold, with topaz throat. This new strain does not fade or burn under hot sun. Given special mention in All-American selections for 1938. Tr. Pkt. 35c, 1/8 oz. 85c, 1/4 oz. \$1.50.

BLUE BEE. Medium deep shade, 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

CARMEN SYLVA. Purple with contrasting white throat. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

FLAMING VELVET. A rich velvety blood red. Our strain is proven good. Tr. Pkt. 35c, 1/8 oz. 85c, 1/4 oz. \$1.50, oz. \$5.00.

GENERAL DODDS. Crimson, 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

GOLDEN ROSE (Lord Courtenay) Fine. 1/8 oz. 30c, 1/4 oz. 55c, oz. \$1.75.

HOWARDS STAR IMPROVED. Velvety purple with white stars. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 80c, oz. \$2.50.

ROSE KING IMPROVED. Clear bright rose pink very uniform in shade. The flowers are larger than the average Hybrida, often 3 inches in diameter. The plants are quite dwarf. 1/16 oz. 25c, 1/8 oz. 45c, 1/4 oz. 80c, oz. \$2.50.

WHITE. Pure. 1/8 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Bedding Petunias Mixed

A well balanced mixture of Hybrida and Erecta Varieties. 1/8 oz. 30c, 1/4 oz. 55c, oz. \$1.80.



Petunia, Cockatoo Reselected

MINIATURE PETUNIAS

Nana Compacta or Extra Dwarf

MARTHA WASHINGTON RUFFLED. In growth about 9 inches high, growing in a perfect little bush. The frilled part of the flower is a beautiful blush pink with the center strongly veined with wine red, deepening in the throat to violet. Tr. Pkt. 35c, 1/32 oz. \$1.00, 1/16 oz. \$1.75.

BLUE GEM. Perfect dwarf ball - shaped growth with true violet blue flowers. Tr. Pkt. 50c, 1/16 oz. \$1.00, 1/8 oz. \$1.75.

BRILLANT ROSE GEM. In growth similar to Rose and Pink Gem, but to color is a very rich deep rose with a suffusion of scarlet. Tr. Pkt. 50c, 1/32 oz. \$1.25.

ROSE GEM. Good deep rose shade. Tr. Pkt. 35c, 1/8 oz. \$1.00, 1/4 oz. \$1.75.



Petunia, Martin's Improved Rosy Morn



Phlox Grandiflora Mixed

Annual Phlox

The taller varieties provide excellent cutting flowers during the summer months and they also are fine for bedding. They include as wide a range of colors, both brilliant and soft shades, as any other annual.

- Drummond Grandiflora (12-15 in. tall)** Alba. Pure white.
- Atrovioiacea.** Dark violet blue.
- Atropurpurea.** Deep rich maroon.
- Brilliant.** Rose pink with carmine eye.
- Carnea.** Delicate flesh pink.
- Chamois Rose.** Very pretty soft shade.
- Cinnabar Red.** Very bright red.
- Isabellina.** Primrose yellow.
- Kermesina Splendens.** Carmine, white eye.
- Scarlet.** Deeper than Cinnabar.
- Stellata Lilacina.** Lilac, dark veined.
- Any above variety— $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Martin's Excellent Mixture. Finest assortment of all colors. $\frac{1}{8}$ oz. 15c, $\frac{1}{4}$ oz. 25c, oz. 50c.

- Star Phlox Mixed.** Many colors and fringed petals and starred centers. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.20.
- Gigantea Art Shades.** Extra large individual flowers and a wonderful color range in the soft art shades. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 75c, oz. \$2.40.

- Nana Compacta Varieties (5-6 in. tall)** Excellent for low borders, edgings and bedding.
 - Crimson.** Rich maroon shade.
 - Deep Rose.** Carmine rose shade.
 - Deep Violet.** Violet blue, dark eye.
 - Fireball.** Scarlet.
 - Primrose.** Yellow—soft shade.
 - Snowball.** Pure white.
 - Sunrise.** Soft chamois rose.
 Any variety: Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.
- Nana Compacta Cecily Mixed.** Best mixture of the larger flowered dwarf varieties. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Pennisetum Ornamental Grass

- Longistylum.** Plants about 2 ft. high, terminal spikes with long feathery bristles. Slender leaves, 4 inches long. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Rueppelianum (Fountain Grass).** Plants 4 ft. high with long colored feathery spikes. Very slender leaves about a foot long. $\frac{1}{4}$ oz. 25c, oz. 75c.

Phacelia

- Campanularia.** Small, 6 inches high nice for rockeries. Bright blue flowers with white anthers. $\frac{1}{4}$ oz. 20c, oz. 60.

Pyrethrum

- Aureum, Golden Feather.** Pretty golden yellow foliage. $\frac{1}{4}$ oz. 15c, oz. 45c.

Annual Poppies

- Carnation Flowered Mixed.** Large rounded balls with fringed petals. $\frac{1}{4}$ oz. 15c, oz. 40c.
- Tall Double Peony Flowered Mixed.** Very large tall stems. $\frac{1}{4}$ oz. 15c, oz. 40c.
- Double Shirley Mixed.** Double, semi-doubles and singles in soft delicate shades. $\frac{1}{4}$ oz. 15c, oz. 40c.

Single Shirley Varieties

- American Legion.** Brilliant orange scarlet, white at base. $\frac{1}{4}$ oz. 15c, oz. 45c.
- Glaucum, Tulip Poppy.** Larger and taller than Flanders, scarlet with black cross at base. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Wild Rose Pink.** Excellent pink shades. $\frac{1}{4}$ oz. 20c, oz. 60c.
- Single Shirley Mixed.** $\frac{1}{4}$ oz. 15c, oz. 40c.
- Annual Oriental Poppy.** Tall large red flowers somewhat similar to the hardy Oriental Poppy. $\frac{1}{4}$ oz. 20c, oz. 60c.

Primula Obconica

The Finest Florists Strains

- Primula seeds are usually sown in January, February and March for bloom the following winter and spring. A sowing May first will produce saleable plants for Easter.
- Better Days.** Deep carmine red flower, compact plant growth. Tr. Pkt. \$1.00.
 - Berlin Market Fasbenders Red.** Rich deep red. Extra large flowers and plants a trifle more compact than Muellers. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.00.
 - Muellers Grandiflora Rosea.** Large flowering pure rose. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{2}$ oz. \$2.75.
 - Mohnstein's Atrosanguinea.** Dark blood red. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.00.
 - Mixed Rose and Red Shades.** A mixture of the light and dark rose and red shades of the leading strains. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.00.
 - Coerulea Blue.** Excellent blue strain. Tr. Pkt. 50c, $\frac{1}{4}$ oz. \$1.50.
 - Grandiflora Alba.** Pure white. Tr. Pkt. 50c, $\frac{1}{4}$ oz. \$1.25.
 - Salmon Rose.** Beautiful salmon rose. Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$1.75.
 - Dazzler Fringed.** Most popular of the Chinese Fringed varieties. Brilliant orange red. Tr. Pkt. \$1.00.
 - Obeonica Giant Mixed.** Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.75.

Various Primulas

- Primula Kewensis.** The verberna scented yellow primrose. Good winter bloomer. Tr. Pkt. 50c.

Primula Malacoides

June, July and August sowings will flower the following January to March.

- Malacoides Lilae.** Tr. Pkt. 50c, $\frac{1}{4}$ oz. \$1.00
- Malacoides Alba.** White. Tr. Pkt. 50c.
- True Rose (Weihenstephan).** The best bright pink or true carmine pink and, in fact, the only strain of that bright shade. Comes 90% true from seed. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.25.
- Eriksonii New Baby.** Lavender pink.
- Eriksonii Baby Rose.** Deep pink.
- Eriksonii Baby Doll.** Deep pink, large frilled flowers.
- Eriksonii Brilliancy.** Crimson red.
- The Eriksonii Varieties—**Tr. Pkt. \$1.00, 3 Pkts. for \$2.50.
- Eriksonii Varieties Mixed.** Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$2.00.

Portulaca

- Excellent for bedding or edging and does well on very poor dry soil.
- Martin's Excellent Double Mixed.** $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.
 - Double Separate Colors. Pink, Yellow, Scarlet, White.** Any variety. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$2.40.
 - Single Giant Parana, (Paris Beauty).** An extra large flowered variety of the brightest purple crimson. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.
 - Single Mixed—** $\frac{1}{4}$ oz. 15c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Rhodanthe — Everlasting

- Single Fine Mixed.** Pink, rose and white, with yellow centers and long wiry stems. $\frac{1}{4}$ oz. 20c, oz. 60c.

Ricinus—Castor Beans

- Red Spire.** Plants 6 ft. high with bronze purple leaves and bright red seed spike. $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.00.
- Zanzibariensis Mixed.** Very richly colored foliage. Enormous plant, on good soil growing 10 ft. high. Oz. 20c, $\frac{1}{4}$ lb. 60c.

Rudbeckia—Cone Flower

- Kelvedon Star.** A much improved variety with excellent stems for cutting. The colors vary but all have orange yellow petals with dark brown centers and mahogany tones. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.
- Italo Mixture.** Double and semi-doubled flowers in a great variety of forms and colors. Sold in Originator's Packets. Each 35c, 3 for \$1.00.

Saintpaulia—African Violet

- Valuable pot plants, which have a long period of bloom. Seed sown in January will produce plants that start to bloom in July and continue blooming well into the winter.
- Ionantha Grandiflora.** Rich deep blue flowers. Tr. Pkt. \$1.00.
 - Ionantha Cordata.** Dark cordated leaves, strong growth and large flowers of deep lavender. Tr. Pkt. \$1.00.

Salvias

- We are very careful in our choice of seed, being sure that it is correctly harvested and cured to give good germination. It will pay you to buy this kind of seed and get plenty of plants for your efforts.
- Splendens Red.** The standard tall red, 24 inches. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.
 - America or Globe of Fire.** 16 to 18 inches tall. Very bright. $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.50.
 - Bonfire, Clara Bedann.** Compact erect variety, 15 to 16 inches. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.
 - Harbinger.** Earliest blooming scarlet, dwarf compact growth, dark green foliage. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

Blue Salvias

- Patens Blue.** Navy blue flowers in loose spikes. Tr. Pkt. 30c, $\frac{1}{4}$ oz. \$1.00.
- Farinacea Blue.** Tall slender spikes of silvery blue flowers. Plants 3 ft. tall. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.
- Blue Bedder.** A more dwarf compact type of Farinacea with flowers of a deeper shade of blue. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

Sanvitalia—Creeping Zinnia

- Sanvitalia is one of the best of low edging or border plants.
- Procumbens Double.** Flowers like small double yellow Zinnias. Plants only a few inches high and spreading out 12 to 15 inches in diameter. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.



Annual Scabiosa, Excellent for Cutting

Annual Scabiosa

Attractive Annuals for outdoor bloom during the summer and early fall, and valuable for cutting because of their long wiry stems. Plant 3 ft. tall.

New Varieties

Salmon Beauty. The first pure salmon scabiosa, a lovely shade. Large flowers, good vigorous plants. **Tr. Pkt. 35c.**

Orchid Shades. Especially good florists shades, light to deep pink, mauve, strawberry, lilac and lavender. The flowers are large, and delicately perfumed. **Tr. Pkt. 35c, ¼ oz. 90c.**

Rosette. Deep rose, heavily suffused with salmon. A gorgeous shade for cutting. Long stemmed large flowers. **Tr. Pkt. 25c, ¼ oz. 75c, oz. \$2.20.**

Standard Varieties (3 ft. tall)

Ageratum Blue. Mid-blue shade.

Azure Fairy. Light azure blue.

Blue Cockade. Flowers conical in shape of a real rich blue much deeper than Azure or Ageratum Blue.

Cattleya. Rosy lilac or orchid shade.

Fire King. Rich rosy crimson.

King of the Blacks. Maroon black.

Loveliness. Lovely salmon pink shades.

Peach Blossom. Light flesh or peach pink.

Rose. A lively shade.

Shasta. Finest pure white.

Sulfur Yellow. Smaller than others and less desirable.

Any above variety—¼ oz. 20c, oz. 60c.

Fine Mixed. ¼ oz. 15c, oz. 45c.

Giant Hybrids Mixed. Giant sized ball shaped flowers in many unusual shades. ¼ oz. 25c, oz. 75c.

Solanum—Jerusalem Cherry

Ornamental pot plants. Sow seed in January to produce well fruited plants by the following Christmas.

Hlavacek's Masterpiece. Large scarlet fruit. Compact. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

New Paterson Variety. Compact habit with large orange red fruit that last well on the plant. **Tr. Pkt. 35c, ¼ oz. 75c.**

Christmas Pepper, Chameleon. Small conical fruits changing from yellow to purple and then to red. ¼ oz. 20c, oz. 70c.

Birds Eye Pepper. Florists strain with many small bright red berries. **Tr. Pkt. 25c, ¼ oz. 50c, oz. \$1.60.**

Ornamental Peppers Mixed. A great variety of shapes and colors of these bright ornamental fruits. ¼ oz. 20c, oz. 60c.

Salpiglossis

As a greenhouse crop, start seed in January for May bloom. For spring plant sales start seed in March and early April.

Crimson	Purple
Golden Yellow	Rose and Gold
Light Blue & Gold	Scarlet and Gold
Purple and Gold	Velvety Red
White and Gold	

Any variety—¼ oz. 20c, ¼ oz. 35c, oz. \$1.20

Martin's Excellent Mixed Salpiglossis. Contains all the rich shades of both veined and self-colored varieties. ¼ oz. 20c, ¼ oz. 30c, oz. \$1.00.

Dwarf Giant Salpiglossis

The plants are much dwarfer than the ordinary strain and they are compact and very free flowering. As a garden plant it stands erect without support. We consider this one of the very best of the new flower strains recently developed. **Mixed Colors—Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.20.**

Saponaria

Light foliage and small graceful flowers somewhat similar to Annual Baby's Breath. Free flowering.

Vaccaria White. 2 ft. high, excellent for cutting.

Vaccaria Rose. Pretty rose pink blooms, sometimes called "Pink Baby's Breath."

Either variety—oz. 15c, ¼ lb. 40c, lb. \$1.50.

Multiflora Scarlet Queen. Plant 10 inches high with bright scarlet flowers. Excellent for bedding. ¼ oz. 15c, oz. 50c.



Statice Sinuata is Excellent for Drying

Schizanthus

Martin's Excellent Hybrids. All shades both bright and soft are present in this blend. Excellent for pot work or cutting. **Tr. Pkt. 40c, ¼ oz. 80c, ¼ oz. \$1.50.**

Wisetonensis Monarch Reslected. An English strain that is a great favorite with estate gardeners and florists who demand exceptional results. Our seed is taken from only the finest greenhouse grown plants. **Tr. Pkt. \$1.00.**

Excelsior Compact Dwarf Mixed. An excellent strain for potting because of the plant habit which is naturally more dwarf and compact, 10 to 12 inches high. Includes a rich mixture of shades. **Tr. Pkt. 50c, ½ oz. \$1.00.**

Choice Mixed. For outdoor gardens. ¼ oz. 20c, oz. 60c.

Shamrock

True Irish. For nice little pots for St. Patrick's day sown very early in January. **Tr. Pkt. 20c, oz. 75c.**

Smilax

Myrsiphyllum Asparagoides. Decorative greenhouse climber. ¼ oz. 20c, oz. 50c.



Statice Suworowii

Statice — Annual

The Sinuata varieties make excellent cut flowers and may be dried for everlasting bouquets. For an outdoor crop, seed sown in May will be in good bloom in July. In the greenhouse August sown seed will bloom in February and by sowing more seed in February you can cut flowers in May. Soaking the seed before planting helps germination.

Lavender Rosy. Lilac, changing to lavender.

Lavender Queen. Improved lavender. ¼ oz. 15c, oz. 40c.

Market Growers Blue (Tall Improved). Best deep blue.

Rosea Superba. Deepest rose shade.

Snow White. Finest white. ¼ oz. 15c, oz. 40c.

Yellow Bonduelli. Golden yellow.

Sinuata Mixed.

New Hybrids Mixed. Finest shades, including pastels. ¼ oz. 20c, oz. 60c.

Above except where noted—½ oz. 15c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

Statice Suworowii

Russian or Rat Tail Statice. A very ornamental variety with long graceful spikes of rose pink flowers. Seed sown early outdoors will bloom in July. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.



A Vase of Schizanthus, Martin's Excellent

SWEET PEAS

Early or Winter Flowering

Our list of Sweet Peas has been very carefully checked to include the very finest varieties in each color classification. We have endeavored to make our color classification of real value to you and to make it easy to choose the varieties you want. Second-rate varieties have been eliminated.

Our seed is specially hand-picked and far superior to much that is offered.

Outstanding New Varieties

Blue Danube. The strong vigorous plant carrying stems with flowers in sprays of 4 or 5. A beautiful mid-blue.

Sun Proof Orange. As name signifies, it is absolutely sun proof. The color holding for the entire life of the flower. Bright crimson orange on long stems and vigorous plants.

Colleen. Bright rose suffused with gold, very rich under artificial light. Flowers sweetly fragrant in sprays of fours.

Prices on 3 above varieties ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, 1 lb. \$6.00.

Blue Shades

Ball Blue. Good blooming, clear blue.

Blue Bonnett. Very large, deep blue, best of that shade.

Blue Danube. Mid Blue, in shade between Mrs. Herbert Hoover and Blue Bonnett. ½ oz. 30c, oz. 50c, ¼ lb. \$1.75.

Eleanor Blue. Clear light blue with silvery sheen. Very fragrant and long-stemmed. Does best for the late planting after Mums.

Mrs. Herbert Hoover. A bright blue called "California Blue."

Cerise or Cherry

Eileen. New, rich rose with salmon shadings changing under certain lights to dazzling cerise.

Crimson Red

Susanna. Sparkling carmine red, stems long and wiry carrying four beautifully ruffled flowers.

Lavender Shades

Fragrance. Large frilled, fragrant, clear lavender, by many considered the best.

Harmony. A valuable variety probably used more than any other lavender.

Lavanda. A clear lavender shade, extremely large, well waved and borne on long stems. A very heavy yielder.

Triumph. Lilac mauve, long stemmed and large.

Pink (Deep)—Deep Rose Pink

Annie Laurie. It is the richest tone of rose pink. The flowers are produced in fours on long stiff stems.

Majestic Rose. Richer and deeper than Zvolaneks Rose, a brilliant rose pink.

Mrs. H. R. Holscher. Fine clear rose pink.

Orange (Deep)

Ball's Orange Improved. Clear deep glow-orange. ½ oz. 30c, oz. 50c, ¼ lb. \$1.75.

Burpee's Orange. A light shade of clear orange.

Sunproof Orange. Holds color under brightest sun. Bright crimson orange. ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

Valencia. Bright sunproof orange.

Pink and Light Rose Pink

Ball's Rose Improved. Extra rich shade deeper than Rose Queen.

Bridesmaid. Sparkling deep silvery pink.

Colossal Rose. One of the largest of pink Sweet Peas. Color of Jeanne Mamitsch but much more vigorous.

Exposition Pink. Gorgeous rich pink. The flowers, very large, are wavy and well spaced, and four to a stem.

Giant Rose. Deep pink, an improved Zvolanek's Rose.

Josie. Rich rose pink, one of the largest and longest stemmed.

Laddie Improved. An enormous rose pink, on a white ground. Very fine for long stout stems.

Shirley Temple. A cross between Late Spencer Pinkie and Early Lady Gay with the size and richness of coloring of Pinkie and dainty form of Lady Gay.

Sweet Briar. A mammoth flowered rich rose pink. A sparkling shade with just a tone of amber.

Rose—Golden or Begonia Rose

Mother Machree. A beautiful blend of coral and golden rose, with semi-duplexed flowers.

Sequoia. Enormous rich golden rose with cerise tint. Very long stemmed.

Colleen. Brilliant rose suffused with gold. ½ oz. 30c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00.

Salmon Pink

Apollo. Exceptionally fine soft salmon. Large flowered and long stemmed.

Ramona. A distinct new shade of luminous coral rose, blending of yellow and pink.

Spring Song. Bright cream pink, flushed salmon.



LAVANDA. A Very Fine Lavender

Salmon Orange

Mrs. Kerr. Most popular salmon.

Scarlet

Grenadier. Dazzling poppy scarlet.

Vuleau. The most valuable scarlet cerise.

White Varieties

Ball White. A long stemmed, very fragrant white seeded variety.

White Harmony. Standard and valuable black seeded white.

Hope. A mammoth flowering pure white. Very early. The best black seeded variety.

Burpee's White. A white seeded variety with glistening white, large frilled flowers.

Snowstorm Improved. Standard white seeded white flowering variety.

Special Florists Mixture of most popular colors. Oz. 25c, ¼ lb. 85c, lb. \$3.00.

Treated Seed

We will treat your Sweet Pea seed with Cuprocide without extra charge if you request it on your order.

PERENNIAL SEEDS

Our selection of Perennial Seeds, pages 26 to 40 includes all the most valuable varieties.

Prices on All Sweet Peas, except where noted, oz. 35c, ¼ lb. \$1.20, 1 lb. \$4.00.

Summer Flowering Spencer Sweet Peas

This type gives better results for the later crops under glass and for outdoor bloom. They stand the heat better than the Winter Flowering Spencers. A sowing in February will give Good June and July crops.

We believe the following varieties are the best in their respective color classes.

***Ambition.** Lavender with rosy tinge.

***Ascot.** Bright pure pink.

***Avalanche.** Glistening pure white.

Barbara. Fine salmon orange.

Beauty. Light blush pink.

Bonfire. Cherry pink with white wings.

Honey Hilar. Sparkling rose pink.

Charming. Best cerise.

Damask Rose. Deep rose.

Excelsior. Orange scarlet.

Fortune. Rich dark blue.

Glencages. Large light blue or lavender.

Jack Hobbs. Flushed scarlet on cream ground.

***Magnet.** Cream pink.

***Model.** Pure white, black seeded.

***Mrs. A. Searles.** Rich pink changing to salmon cerise.

***Pinkie.** Large rose pink.

***Pirate Gold.** Golden orange.

Powercourt. Lavender, very fine.

***Reflection.** Clear blue.

Royal Scot. Orange scarlet.

Rubicund. Deep crimson scarlet.

Ruddigore. Pure scarlet.

***Smiles.** Salmon shrimp pink.

Sunkist. Cream, picoteed rose.

Susan. Light cream pink.

Tangerine Improved. Glowing orange.

Martha's Excellent Mixture. Not grown as a mixture but balanced by special formula. Beautiful blending of colors.

Oz. 15c, ¼ lb. 40c, lb. \$1.20.

Prices on all varieties except where noted oz. 15c, ¼ lb. 50c, lb. \$1.50



Stock, Giant Imperial Shasta

Dwarf Double Ten Weeks

The best class of Stocks for bedding outdoors.

Blood Red	Lavender
Brilliant Crimson	Old Rose
Brilliant Rose	Purple
Canary Yellow	White

Any above varieties—Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Dwarf Double Ten Weeks Finest Mixed.
Tr. Pkt. 25c, ¼ oz. 55c, oz. \$1.80.

Stevia

Invaluable in the greenhouse for its wealth of white flowers for cutting.
Serrata. ½ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Tahoka Daisy

Machaeranthera Tanacetifolia. A tender perennial best grown as an annual. Seed started early will produce quantities of Lavender Blue Daisies throughout summer and fall. About 1 foot high.
Tr. Pkt. 25c, ¼ oz. 80c, oz. \$2.40.

Thunbergia

Alata Mixed (Black Eyed Susan). Showy little climber for hanging baskets, porch boxes, etc. The flowers are single in white, yellow or orange each with distinct dark brown almost black center. Bloom all summer from seed started in February. Our seed shows excellent germination. ¼ oz. 20c, oz. 70c

Tithonia—Mexican Sunflower

Golden Flower of the Incas. Bright orange vermilion. Plant growth and foliage like the Dahlia. A good cut flower. Late to bloom so start early.

Speciosa, Regular Strain. ½ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Early Flowering Strain. A week or 10 days earlier, somewhat smaller flowered and dwarfed. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Grandiflora Fireball. A new tall growing strain (8 ft.) with large flowers of dazzling scarlet. Tr. Pkt. 35c.

Trachelium

Coeruleum. Plants 1 foot high carrying large corymbs of small pale blue flowers. Grown as a greenhouse annual it makes an excellent pot plant. Suitable for cutting also. Tr. Pk. 35c.

Martin's Fine Stocks

Our Stock Seed is of the very finest quality, as regards trueness to color and type and percentage of doubles. We have selected our strains from the best the market affords.

Stock seed may be sown any time from about July 15 up until the following February 1st or 15th. Sowings made after that time strike the hot weather and are liable to come blind.

Non-Branching or Excelsior Column Stocks

Producing one large spike, 2 to 2½ feet high, which allows very close planting. In season, about same as Imperials, sometimes earlier. Not quite 100% as far as non-branching habit is concerned, but shows a good percentage of doubles when properly selected and grown. **THE NON-BRANCHING STOCKS** are generally set 3 inches apart in rows 6 inches apart.

NEW EXCELSIOR ROSE PINK. This new variety is the clear rose pink so much wanted, and now available for the first time in a column stock. The florets are huge and very double. Tr. Pkt. \$1.00, Half Tr. Pkt. for trial 60c, ¼ oz. \$2.50.

Ball's White. One of best in type.

Chamois Pink. Excellent cut flower. Color, chamols or apricot pink.

Malmaison Pink. Light shell pink.

Deep Rose (New). A brilliant rose shade.

Dark Blue (new) (Ball Blue). A deep lilac or mauve blue. Good percentage of double and good habit.

Ruby. Rich crimson red.

Silvery Lilac or Lavender. Best of all.

Florists Mixture Column Stocks made up of the better colors.

Prices on Non Branching Stocks (except where noted). Tr. pkt. 75c, ¼ oz. \$1.25, ¼ oz. \$2.25, oz. \$8.00.

Giant Imperial Improved Bismarck Stocks

A very valuable strain for greenhouse forcing. No other class will give the large number of good spikes for cutting. In the greenhouse, set the plant 6x7 inches and top when 6 inches tall to produce lengthy side shoots.

Antique Copper. Copper Red.

***Buttercup.** The best yellow.

***Chamois.** Ivory, tinted with rose pink.

Elk's Pride. Royal purple shade.

Fiery Blood Red. Well named.

***Lavender (Silvery).** Most popular of all.

***Rose.** Deep rose pink

***White Shasta.** Taller than standard white with longer stems, larger blooms and more blooms per stem.

Prices on all above Bismarck Stocks. ⅛ oz. 30c, ⅓ oz. 55c, ¼ oz. \$1.00, oz. \$3.00.

Imperial Mixed Colors—⅛ oz. 25c, ⅓ oz. 45c, ¼ oz. 80c, oz. \$2.40.

Super Giants of California Stocks

The plants are full base-branching, each plant producing 12 to 15 huge flower spikes. The individual florets are large and very double, measuring from 1½ to 2 inches or more in diameter. When planted close this type makes one mammoth spike, when allowed plenty of space, the branching characteristic is evident. We highly recommend Super Giants of California for florists' use.

Blush Pink. New shade in this group with extra large spikes and individual florets. Tr. Pkt. 50c.

Dark Blue. Rich deep blue.

Golden Gate. Yellow.

Rose Charm. Beautiful deep rose.

Rose Light. Lighter rose pink about same shade as Bismarck Rose.

Santa Marla. Finest white.

Tahoe. Popular lavender shade.

All above varieties, except Blush Pink, Tr. Pkt. 35c, ⅓ oz. 65c, ¼ oz. \$1.15, oz. \$4.00.



Giant Imperials for Bouquets

Torenia

Will bloom all summer from seed started in January or February to set out from pots in May. Seed started in June or July will flower during midwinter in the greenhouse. Nice for Mother's Day sales. Plants a foot high.

Fourneri Blue. ⅓ oz. 25c, ⅓ oz. 40c, ¼ oz. 70c, oz. \$2.20.

Fourneri Alba. White. Tr. Pkt. 25c, ⅓ oz. 50c, ¼ oz. 90c, oz. \$2.70.

Ursinia

Low-growing daisy-like flowers, excellent for cutting when well grown in sunny locations. January sown seed will usually produce flowers in the greenhouse in April.

Anethoides. Deep orange with zone of purplish red. 10 inches. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Anethoides New Hybrids. Yellow, flesh and orange shades. Tr. Pkt. 25c, ¼ oz. 75c, oz. \$2.40.

Verbenas

Giant Flowered (Gigantea) Varieties

The finest large-flowered group with enormous heads and individual florets. Following are the best varieties.

Apple Blossom. Very soft shade, creamy white flushed cameo pink. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Blue. Deep blue with white eye.

Beauty of Oxford Hybrids. Large flowers of rose pink to rose red. A little fickle in germination.

Crimson Glow. The first crimson Verbena. Pure self color without even a small light eye. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Etna. One of the best of all, Geranium red with yellow eye. Liable to be a little low and slow in germination.

Floradale Beauty. Improved Beauty of Oxford Hybrids. The same beautiful rose pink and rose red shades, but florets and flower heads are larger. Seed germinates readily. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Helen Willmott. A very fine true pink. Very uniform.

Lavender Glory. Lavender with creamy white eye. Variable from seed.

Meteor. Flaming red contrasted with shining white, an extremely showy combination. Flowers not extremely large but very freely produced, covering the plants. Comes true from seed. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

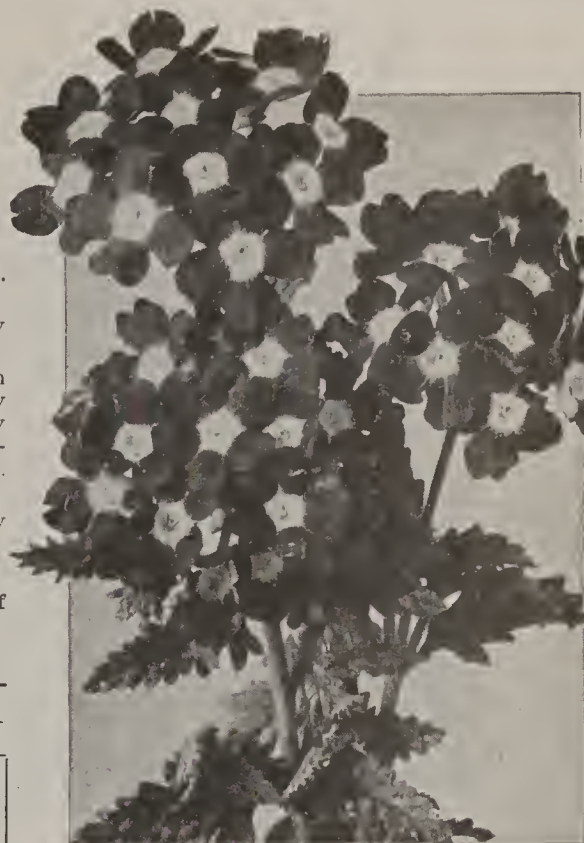
Royale. Dark royal blue, creamy yellow eye.

Salmon Pink. Very bright shade.

Spectrum Red. A dazzling variety of scarlet or Spectrum red.

White Mammoth. Best white.

Any above variety except those noted—
Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.



Verbena, Giant Flowered, Royale

Upright Verbenas

For Cutting or Pot Culture

Plants of these varieties grow erect 15 to 18 inches tall with the flowers borne in clusters at the top.

Pink and Rose Bouquet. Beautiful shades of pink and rose, selfs and some with white eye. Excellent florists shade. Tr. Pkt. 25c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20.

White Bouquet. A pure white with the bouquet habit. Tr. Pkt. 25c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20.

Erceta Royal Bouquet Mixed. The upright bouquet type in mixed colors. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c, oz. \$2.50.



Vinca—Periwinkle

Vincas make excellent all summer blooming border and bedding plants. About 1 ft. high with glossy green foliage. Start seed early, November and December, giving plenty of bottom heat for good plants for spring.

Alba. Pure white **Delicata.** Soft pink
White with Eye **Rose.** Deep rose

Mixed Colors

Any variety or mixed— $\frac{1}{8}$ oz. 15c, $\frac{1}{4}$ oz. 25c, oz. 75c.

Virginian Stocks

French Forget Me Not (Cherianthus Martimms).

Compacta Dwarf Mixed. Nice for rock gardens or edgings. Carmine and rose shades. $\frac{1}{4}$ oz. 10c, oz. 30c.

Verbena Mixtures

Martin's Excellent Giant Mixed. A fine color assortment of the larger flowering varieties. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.40.

Hybrida Mixed Verbenas. A splendid mixture of the Hybrida varieties. Smaller flowered than the Giganteas but free blooming. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Compacta Dwarf Verbenas

Bushy Plants 6 to 8 Inches Tall

Fireball. The finest of the type and coming practically 100% true. Brilliant crimson scarlet blooms cover the plants.

Cameo Pink. A lovely shade, coming quite true from seed.

Chamois. Soft salmon buff.

Dannebrog—Danish Flag. Plant and flower larger than Fireball. The same bright scarlet but with white eye. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Violet. Pure deep violet, with a good sized cream colored eye.

Above except where noted— $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$2.40.

Venidium

For summer bloom start the seed in March or April, as the seed does not germinate well earlier. For a greenhouse crop sow seed in late summer or early fall. They will normally bloom in April but with additional light can be forced to boom in January.

Fastuosum. Plants 2½ ft. tall with large flowers 3 inches or more across, rich orange with reddish brown zone. Blooms over a long period. Tr. Pkt. 35c, $\frac{1}{4}$ oz. \$1.00.

Fastuosum Hybrids. Many new shades. Tr. Pkt. 35c, $\frac{1}{4}$ oz. \$1.00.

Annual Double Wallflower

Gold Standard. Bright yellow.

Yellow. Flaked brown.

Either variety—Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Xeranthemum—Everlasting

Mixed Colors. Popular strawflower with double flowers in purple, rose and white, 2 feet high. $\frac{1}{4}$ oz. 15c, oz. 50c.

Various Verbenas

Erinoides (Moss Verbena) Purple. Fine strong plant. 1 ft. high, somewhat spreading with bright purple flowers. Excellent as a cover on dry soil. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Erinoides White. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Verbena Venosa. Bright rosy lilac or heliotrope flowers, freely born on short spikes. A fine bedding or border plant, showy all summer. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.40.

Venosa Lilacena. Pretty delicate lilac. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

TESTED SEEDS

Our seeds are tested for germination and type. They give much better results accordingly.

For The Herb Garden

This list includes the most popular Herbs both annual and perennial.

Anise. Annual. oz. 15c.

Balm. Perennial. $\frac{1}{4}$ oz. 10c, oz. 30c.

Basil Sweet. Annual. oz. 15c.

Borage. Annual. oz. 15c.

Caraway. Biennial. oz. 15c.

Catnip. Perennial. $\frac{1}{4}$ oz. 20c, oz. 60c.

Coriander. Annual. oz. 15c.

Dill, Mammoth. Annual. oz. 10c.

Fennel, Sweet. Perennial, usually grows annual. oz. 15c.

Horhound. Perennial. $\frac{1}{4}$ oz. 20c, oz. 60c.

Hyssop. Perennial. oz. 15c.

Marjoran, Sweet. Perennial. oz. 15c.

Peppermint. Perennial. Tr. Pkt. 25c.

Penny Royal. Perennial. Tr. Pkt. 25c.

Rosemary. Perennial. $\frac{1}{4}$ oz. 20c, oz. 70c.

Rue. Perennial. oz. 20c.

Saffron. Annual. oz. 25c.

Sage, Broadleaf. Perennial. oz. 20c.

Savory, Summer. Annual. oz. 15c.

Savory, Winter. Perennial. $\frac{1}{4}$ oz. 15c, oz. 50c.

Thyme. Perennial. $\frac{1}{4}$ oz. 15c, oz. 50c.

Sweet Cicely. Perennial. Tr. Pkt. 25c.

Woodruff. Perennial. Tr. Pkt. 25c.

Wormwood. Perennial. oz. 20c.

Martin's Excellent Zinnias



Showing the Type of Our California Giants
The Flowers Are Often Half Again as Broad

California Giant, Mammoth

The Best Large Flowered Type for Cutting
The flowers of this type are about as large as the Dahlia flowered. They are flatter in form and many prefer them. The plants are taller than Dahlia, in good conditions growing 3 ft. or more high, with very long stems. Excellent for cutting.

Brightness. Bright rose pink.
Cerise Queen. Beautiful cerise rose.
Crimson Queen. New rich crimson.
Daffodil. New fine canary yellow.
Enchantress. Light rose, with deeper rose center.
Lavender Gem. Deep rosy lavender.
Miss Willmott. Soft pink.
Orange King. Orange scarlet.
Purty. White, we consider it superior to Polar Bear of the Dahlia type.
Scarlet Queen. Glowing scarlet.
Violet Queen. Purple.

Any above variety—Tr. Pkt. 20c, ¼ oz. 30c, ½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$10.00.

Finest Giant Mixed. Blended from named varieties. Tr. Pkt. 20c, ¼ oz. 30c, ½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$10.00.

Giant Double Zinnias

Robusta Grandiflora Improved

Excellent as garden flowers or for cutting. The plants are tall, bearing quantities of flowers in good bright colors. The flowers though large do not compare with the California Giants. They are more rounded in form.

*Isabellina. Creamy Buttercup.
Crimson Rose
Golden Yellow Scarlet
Purple White

Price, Any Variety—¼ oz. 25c, oz. 70c, ¼ lb. \$2.00, lb. \$7.00.

Special Mixture Pink and Rose Shades—

¼ oz. 25c, oz. 70c, ¼ lb. \$2.00, lb. \$7.00.

Giant Double All Colors Mixed—¼ oz. 20c, oz. 60c, ¼ lb. \$1.75, lb. \$6.00.

Pumila Elegans Type

Cut and Come Again

A splendid group with perfectly formed fully double flowers of medium small size (larger and flatter than Lilliputs). Excellent for bedding because of uniform growth and free flowering qualities. 2-2½ ft. high.

Pumila Spun Gold. Delicate pastel shade of butter yellow. Excellent for cut flower work. Early to bloom, flowers 2-2½ inches in diameter with satisfactory stems. ¼ oz. 25c, oz. 75c.

Canary Yellow	Pinkie
Crimson	Salmon Rose
Golden Orange	Snowball

Any variety except Spun Gold—¼ oz. 20c, oz. 60c, ¼ lb. \$1.80.

Pumila Finest Mixed Colors. ¼ oz. 15c, oz. 50c, ¼ lb. \$1.60.

Pumila Picotee Type

Valuable cut flower type, flowers of medium size with satisfactory stems. Plants 2-2½ ft. tall.

Mixed Colors. The colors include the best florists shades, salmon, cream, buff, yellow and lavender. The petal tips are picoteed. ¼ oz. 25c, ½ oz. 40c, oz. \$1.25.

Picotee Golden Ray. Golden orange, marked with a delicate edging of brick red. ½ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Picotee Salmon Rose. A good shade. ½ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Navajo, Gaillardia Flowered. A distinct type with medium sized flowers double and semi-double, long narrow petals some of which are incurved or fluted. The petals are tipped with white or light yellow, making a striking contrast with the base color.

Mixed Colors many shades. Tr. Pkt. 20c, ¼ oz. 45c, oz. \$1.50.

Zinnias being one of the most important of all flower seed items, we have made every effort to procure the finest strains available. Yearly checking in our trial grounds is of great value in determining the best strains and the most valuable varieties.

Dahlia Flowered Gold Medal Strains

Most popular zinnia for garden use and for the florist to grow for plant sales.

These varieties are the most distinct and the leaders. All are wonderfully good. The stocks are reselected and run exceptionally true. If you wish a limited list of varieties choose those marked * though all are desirable.

***Canary Bird.** Canary yellow.

***Crimson Monarch.** Large deep crimson.

Dream. Lavender.

***Exquisite.** Very fine light rose, deep rose in center.

Golden Dawn. Golden yellow deeper than Canary Bird.

***Illumination.** Deep rose.

Lumhusa. Bright deep pink.

***Oriole.** Combination of orange and gold.

Polar Bear. Large, white.

Purple Prince. Deep lavender to purple.

Scarlet Flame. Bright scarlet.

Youth. Soft flesh pink.

Prices any above named varieties—Tr. Pkt. 20c, ¼ oz. 30c, ½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$10.00.

Gold Medal Mixed. Special blending of named varieties. Tr. Pkt. 20c, ¼ oz. 30c, ½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$10.00.

Crown of Gold Type

Flowers large and Dahlia type on tall plants. The flowers of different shades but every petal at the base of the petal is golden yellow, while at the tip individual color is carried out.

Crown Gold Mixed. Old rose, cream, yellow, carmine, red and pink. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.40.

Desert Gold. Combination of light and deep tones of gold, and golden yellow. Tr. Pkt. 25s, ¼ oz. 55c, oz. \$1.75.



Zinnia Pumila, Salmon Rose.



Zinnia Picotee Golden Ray



Zinnia, Improved Hilliput
These Flowers Are About Natural Size

Special Florist's Strains Improved Lilliput or Pompon Zinnias

This type very popular for both cut flowers and garden use. The flowers are small, fully double and symmetrical. The plants uniform in growth, with good strong stems. Usually under ordinary conditions 1½ ft. high. Our strains are reselected and from special stock seed for florists use.

Canary Gem. Scarlet Gem.
Golden Gem. White Gem.
Purple Gem

- Pink Gem. Soft flesh pink shade.
- Rosebud. Rose pink, lighter than salmon rose.
- Salmon Rose Gem. Leading florists color.
- Valencia. Scarlet and Orange shades.
- Any above variety—Tr. Pkt. 20c, oz. 80c, ¼ lb. \$2.50, lb. \$8.00.
- Lilliput Finest Mixed. ¼ oz. 20c, oz. 70c, ¼ lb. \$2.00, lb. \$7.00.
- *Pastel Mixture Lilliputs. Salmon Rose, Coral to Gold and Yellow, all fine tones. Tr. Pkt. 20c, oz. 80c.

Red Riding Hood

Very small double bright red flowers on bushy plants. Excellent for borders and for short stem cut flowers. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Fantasy Zinnias Chrysanthemum Flowered

Flowers of informal shaggy appearance, interesting and graceful, quite distinct from other types. The petals are quilled and decidedly twisted and curled. Plants fairly tall, with good stems.

Fantasy Mixed. Brightest shades of reds, yellow and orange as well as the lovely pastel pinks and cream. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Fantasy Star Dust. A new golden yellow selection from Fantasy. In our trials the flowers were all yellow, varying in shades. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

The Early Wonder Type

An admirable class for florists because of their extremely early flowering habit and lack of surplus foliage and few laterals.

Fandango. Fiery salmon cerise shades.
Gypsy. Orange shades.
Rose Pink. Softer than Fandango.

Any variety Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Wonder Mixed. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

SCABIOSA FLOWERED ZINNIAS. A good range of color, flowers resembling the Annual Scabiosa because of their peculiar formation. Plants 2-2½ ft. high Tr. Pkt. 25c, ¼ oz. 55c, oz. \$1.75.

Cupid Zinnias

Tiny double flowers on bushy 1 ft. plants.

Pixie Yellow Tiny Tim, scarlet
Snowdrop white. Mixed Colors

Any color or mixed. Tr. Pkt. 20c, ¼ oz. 45c, oz. \$1.50.

Zinnia Linearis

A dwarf semi-creeping type with orange flowers. Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.40.

Mexican Zinnia (Little Jewels)

Baugena Double Mixed. An excellent low border or edging plant. 8-10 inches high, somewhat creeping and covered with double flowers of the richest shades imaginable, including mahogany, maroon, purple, yellow and gold and bi-colored. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Zinnia Booklet Free

This booklet is the best that has ever been written on Zinnia varieties and their uses. If requested we will be glad to send a copy free with orders of Zinnia seed amounting to \$1.00 or more.

Vegetable Seeds for Early Planting

To accommodate our Florist customers who grow vegetable plants for sale in the spring we offer the following list. The varieties are carefully chosen to satisfy the critical market garden trade as well as the home gardener. You can depend upon these strains

CABBAGE

	½ oz.	oz.	¼ lb.	lb.
Golden Acre	.25	.75	2.50	
Copenhagen Market	.20	.65	2.00	
Early Jersey Wakefield	.20	.60	1.75	
All Head Early	.20	.60	1.75	
Early Curled Savoy	.20	.65	2.00	
Danish Ballhead	.25	.75	2.50	
Late Flat Dutch	.20	.60	1.75	
Drumhead Savoy	.20	.65	2.00	
Mammoth Red Rock	.25	.70	2.25	

CAULIFLOWER

	½ oz.	¼ oz.	oz.	¼ lb.	lb.
Early Snowball	.25	.40	1.25	4.00	15.00
Danish Giant	.25	.40	1.25	4.00	15.00

CELERY

	½ oz.	oz.	¼ lb.	lb.
Golden Self Blanching	.25	.75	2.50	
Giant Pascal	.25	.75	2.50	
Wonderful	.25	.85	3.00	
Celeriac, Giant Prague	.20	.65	2.00	

EGG PLANT

Black Beauty	.20	.35	1.00	4.50
New York Purple	.20	.35	1.00	3.50

PEPPER

California Wonder	.20	.35	1.00	3.05
Harris Early Giant	.20	.35	1.00	3.50
Long Red Cayenne	.20	.35	1.00	3.50
Ruby King	.20	.35	1.00	3.50
Hungarian Yellow Wax	.30	.50	1.50	4.50
World Beater	.20	.35	1.00	3.50
Plimiento	.15	.25	.80	2.50

TOMATO

	½ oz.	oz.	¼ lb.	lb.
Aeone	.25	.40	1.15	3.75
Bonny Best	.30	.50	3.00	
Beef Steak	.25	.40	1.25	4.00
Colossal	.30	.55	1.65	5.50
Dwarf Champion	.25	.40	1.25	4.00
Earliana	.30	.85	2.75	
Early Detroit	.25	.40	1.15	3.75
Golden Queen	.25	.40	1.25	4.00
June Pink	.25	.40	1.15	3.75
Livingston's Globe	.25	.40	1.15	3.75
Magnus Potato Leaved	.25	.40	1.25	4.00
Marglobe Improved	.30	.90	3.00	
Oxheart	.35	.60	2.00	6.00
Penn State	.30	.50	1.78	6.00
Ponderosa	.30	.55	1.65	5.50
Pritchard	.25	.40	1.25	4.00
Stone	.25	.75	2.50	
Scarlet Dawn	.25	.40	1.25	4.00

Fine Perennial Seeds

Importance of Perennials to the Commercial Flower and Plant Grower

In order to make a success of growing flowers you now have to cater to a larger clientele than in the past. Lovers of nice homes today are well educated on various classes of plants. It is not unusual to find in a well arranged flower garden a large assortment, including annuals and perennials.

In recent years the magazines have pointed out to the lovers of flowers the importance of hardy plants. They have gone into details in explaining to the home owner that hardy plants will not kill out during the winter months and will give them beautiful flowers in their respective seasons.

The best varieties for Rock Gardens we have marked (R) after the variety name

Acaena

Splendid little creeping plants for rock gardens or ground cover. Does best in shade, in rather light dry soil.

Novae-Zealandiae (R). Mossy foliage, rosy, spine-like flowers, 2 inches. Tr. Pkt. 25c, ¼ oz. 50c, ¼ oz. 90c, oz. \$3.00.

Acanthus

Mollis. Effective border plants with hard glossy leaves, 2 ft. long, and spikes of pale purple flowers, 3 ft. Seed germinates slowly. ¼ oz. 10c, oz. 30c.

Achillea

Ptarmica, The Pearl. Excellent for cutting with many pure white small double flowers, 2-2½ ft. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Millefolium Kelwayi, Rosea or Rubra. Magenta red, 2 ft. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.60.

Millefolium Cerise Queen. Cherry red, brighter than Rosea, 2 ft. Tr. Pkt. 35c.

Agratum Yellow. Sweet scented, yellow flowers in corymbs, 2 ft. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Filipendula Parker's Variety. Showy large yellow corymbs on tall plants, 4-5 ft. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Tomentosa Aurea (R). Dwarf species with umbels of golden yellow bloom. Mats of fern-like foliage, 6 inches. Tr. Pkt. 35c, ¼ oz. 60c, ¼ oz. \$1.10.

Clavennae (R). Silvery foliage, white flowers. Good for wall gardens, 6 inches. Tr. Pkt. 35c, ¼ oz. \$1.00.

Aconitum, Monkshood

They do best in half shade though adapt themselves to sun, with light, though fairly damp soil. Easily grown from seed, which, however, is slow to germinate. Freezing is of benefit.

Napellus Blue. Deep blue, 3 ft. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.25.

Napellus Roseus. Waxy pink flower, 3 ft. Tr. Pkt. 35c.

Fischeri. Rich deep blue flower, late in summer, a little dwarfier than Napellus. 2½ ft. ¼ oz. 30c, ¼ oz. 55c, oz. \$2.00.

Wilsoni. Large Porcelain-blue flowers, late flowering and tall, 6 feet. ¼ oz. 30c, ¼ oz. 55c, oz. \$2.00.

Adenophora—Ladybells

Lillifolia (R). Dark blue bell-shaped sweet scented flowers in pyramidal panicles. Resemble small campanulas. 2½ ft. Tr. Pkt. 35c, ¼ oz. \$1.00.

Adonis

Vernalis. Large bright yellow flowers in spring, excellent for the border. Likes full sun. Seed germinates slowly, 1 ft. Tr. Pkt. 25c, ¼ oz. 50c, oz. \$1.50.

Aethionema

Among the best of all plants for the rock garden, liking gravelly or stony limestone soil and full sun. Easy to grow from seed.

Coridifolium, Lebanon Candytuft, (R). Light rosy purple flowers, 6 inches. Prefers gravelly limestone soil and full sun. Tr. Pkt. 50c.

Agrostemma

Very useful plants for the hardy border or for cutting.

Coronaria Atrosanguinea. Deep blood-red flowers, June to August. Foliage silvery gray, 2-2½ ft. ¼ oz. 10c, oz. 30c.

Coronaria Alba. White flowering. ¼ oz. 10c, oz. 30c.

Flos Jovis. Neat border plant with bright carmine rose flowers, 15-18 inches. ¼ oz. 15c, oz. 40c.

Hybrida Walkeri. Brilliant rosy purple, 2-2½ ft. ¼ oz. 15c, oz. 40c.

Allium

Pulchellum (R). Pretty clusters of rosy lilac flowers in August, 15 to 20 inches. Tr. Pkt. 25c, ¼ oz. 75c, oz. \$2.40.

Alstroemeria

Aurantiaea. Valuable for borders. Leafy stems and umbels of bright orange flowers, spotted reddish brown. Best in moist soil in shade, 3 ft. Fall sowing or artificial freezing is recommended. Tr. Pkt. 25c, ¼ oz. 75c, oz. \$2.40.

Alyssum

Very valuable group for low borders, edgings and rockeries and wall gardens. Mostly creeping or semi-trailing and likes full sun. Not particular as to soil.

Argentum (R). Silvery foliage yellow flowers 15 inches. We find *Rostratum* to be similar to *Argentum*. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Montanum (R). Small variety, trailing, with silvery leaves, yellow flowers, 6 inches. Tr. Pkt. 35c, ¼ oz. 75c.

Saxatile Compactum, Basket of Gold (R). Covered in May with golden yellow flowers, 10-12 inches. ¼ oz. 25c, oz. 75c.

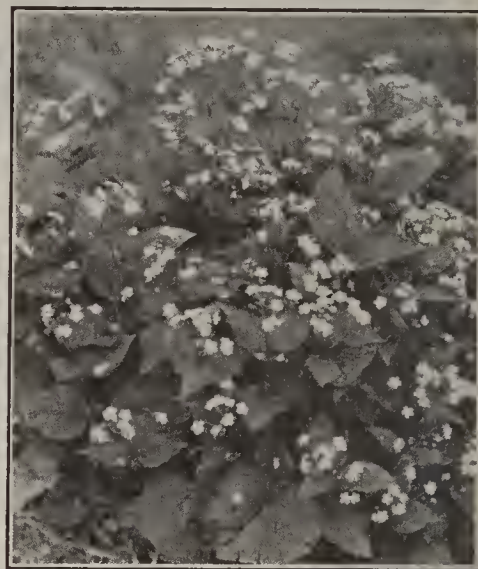
Saxatile, Silver Queen (R). Sulfur yellow, the palest shade. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Serpyllifolium (R). Yellow flowers, gray foliage. Very early to bloom. 6 in. Tr. Pkt. 50c.

Ampelopsis

Veitchi, Boston Ivy. ¼ oz. 10c, oz. 20c, ¼ lb. 60.

Some growers prefer to freeze or stratify *Ampelopsis* seed to insure good germination.



Anchusa Myosotidiflora

Anchusa

Easily grown plants for the hardy border and for cutting.

Italica Dropmore. Excellent for cutting with *Gentian* blue flowers, 6 ft. ¼ oz. 15c, oz. 45c, ¼ lb. \$1.25.

Italica Lissadel. Clear blue, 4-5 ft. ¼ oz. 20c, oz. 60c.

Italica Feltham Pride. Very fine dwarf and compact strain. Excellent for massing in the border. 2-3 ft. Tr. Pkt. 50c.

Italica, New Hybrids. Attractive shades of lavender, blues (from light to very deep) and some white. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Myosotidiflora (R). Excellent rock garden *Anchusa*, or for shady places in the border. Forget-me-not blue flowers on stems reaching up 15 to 18 inches above the mass of heavy foliage which forms a rosette at the base of the plant. Tr. Pkt. 35c, ¼ oz. 90c, ¼ oz. \$1.60, oz. \$6.00.

Anthemis—Hardy Marguerite

Useful border plants bearing a wealth of nice flowers for cutting, daisy-like and bright. Best in sunny places on light rather dry soil.

Kelwayi. Golden yellow flowers produced all summer, 2½ ft. ¼ oz. 15c, oz. 50c.

Tinctoria. Light lemon yellow. ¼ oz. 20c, oz. 60c.

Tinctoria, Perry's Variety. An improved form, of deep golden yellow. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Tinctoria New Hybrids. Shades of yellow, golden and white. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Montana (R). Dwarf species. White flowers, 1 ft. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Asperula—Sweet Woodruff

Odorata (R). For the shady rock garden or border. In May the plants are covered with terminal racemes of white flowers. An excellent ground cover, 6 inches. Asperula seed often requires a long time to germinate. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Asphodeline

Lutea. For the hardy border or wild garden, with long slender leaves and spikes of fragrant yellow flowers, July, 3 ft. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Hardy Asters

ALPINUS VARIETIES. Mostly of dwarf compact growth, 6 to 12 inches high, fall blooming and a perfect mass of flowers when in bloom.

Alpinus Blue. Fairly large light blue flowers. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, $\frac{1}{2}$ oz. 65c, oz. \$2.20.

Alpinus Albus. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, $\frac{1}{2}$ oz. 85c, oz. \$3.00.

Alpinus Dark Beauty. Rich dark purple blue flowers. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 90c.

Alpinus Goliath. Large flower fine soft blue, 15 inches. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, $\frac{1}{2}$ oz. 85c, oz. \$3.00.

Alpinus Mixed Varieties. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, $\frac{1}{2}$ oz. 65c, oz. \$2.20.

AMELLUS VARIETIES. Taller growing, $1\frac{1}{2}$ to 2 ft. Good cut flower subjects. Bloom late summer.

Beauty of Rousdorf. Large flowers of rich rosy lilac. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 75c.

Perry's Favorite. Bright pink flowers, large in size and showy. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, $\frac{1}{2}$ oz. \$1.00.

Ultramarine. Lovely violet blue. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, $\frac{1}{2}$ oz. \$1.00.

Amellus Hybridus Mixed. Many new shades of the large flowered earlier varieties. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, $\frac{1}{2}$ oz. \$1.00, oz. \$3.50.

Various Hardy Asters

Suboculens Blue. Excellent light blue with good cutting stems. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Sub. Wartburg Star. Valuable for florists because of its cut flower quality. Long stemmed flowers, large bright lavender blue with yellow centers. Tr. Pkt. 35c.

Novi-Belgi Hybrids. Many of the best new named varieties originated from this species. Large flowers, freely borne. Shades of lavender, lavender pink, blue, and violet. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 80c, $\frac{1}{2}$ oz. \$1.50.

Large Flowered Mixed. Includes many new hybrids. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 80c, $\frac{1}{2}$ oz. \$1.50.

Aubrietias

Aubrietia Monarch Mixture. The flowers of this strain are fully rounded and of large size on neat compact plants. A brilliant color mixture, including many shades never before seen in Aubrietias. Tr. Pkt. 35c, $\frac{1}{4}$ oz. \$1.00.

Deltoides Lilac. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Blood Red. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Bougainvillea. Dark blue. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Eyrü. Large fine mid-blue. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Græca. Free flowering, light blue. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Leichtlinii. Large deep rosy purple. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.00.

Rosea Grandiflora. Rosy lilac. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c, oz. \$2.50.

Whitewell Gem. Glowing rosy purple with tinge of blue. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.00.

Hybrida Grandiflora Mixed. All shades. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.60.

Bellis Perennis

Double English Daisy

The double English Daisies are usually grown like Pansies, sowing the seed in July for plant sale the following spring. They need some slight protection over winter.

Bellis Beata, A New Strain.

Extremely large fully double flowers.
 White Pink Red
 Any color or mixed—Tr. Pkt. 35c, $\frac{1}{4}$ oz. 85c, $\frac{1}{2}$ oz. \$1.50.

Monstrosa Varieties

Extra large double flowers with good stems.

Monstrosa White Monstrosa Pink
 Monstrosa Red (Dark Rose)

Above 3 any color—Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Monstrosa Mixed— $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Good Double Mixed. Flowers rather small but fully double and freely borne. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Longfellow. Large double white with petals tipped dark rose. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Tubulosa Etua. Attractive quilled, tubular petals, dark red. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, $\frac{1}{2}$ oz. 80c, oz. \$2.60.

Silvery Lilac. A new shade, giant flowered. Tr. Pkt. 50c.

Bocconia—Plume Poppy

Japonica Cordata. Valuable for tall backgrounds. Plants 5 to 7 ft. high with handsome foliage and dense plumes of small white airy flowers. May be sown in fall, as freezing aids germination. $\frac{1}{4}$ oz. 15c, oz. 40c.

Baptisia—False Indigo

Australis. A good hardy border plant with its racemes of indigo blue flowers somewhat resembling Lupines. Nice for cutting also, 3 ft. May be sown in fall if desired. $\frac{1}{4}$ oz. 20c, oz. 60c.

Betonica—Stachys

Grandiflora Rose. An excellent border plant with rosy purple flowers heads, $1\frac{1}{2}$ ft. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Boltonia

Excellent border plants bearing masses of flowers like single Asters or Daisies during the summer and fall. The effect is very showy.

Asteroides. White flower, 4-6 ft. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.25.

Latisquama. Delicate pink flowers, 4-5 ft. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$2.00.

Bupthalmum—Ox-Eye Daisy

Cordifolium (Speciosum). Excellent for cutting or border display. Bushy plants 2-3 ft. high carrying great masses of light yellow daisies. Clear yellow with yellow centers. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.40.

Calamintha

Alpina (R). Likes a dry sunny rock garden or low border. Bluish purple flowers in June. 6 inches. Tr. Pkt. 40c, $\frac{1}{8}$ oz. 75c.

Callirhoe—Poppy Mallow

Involucrata (R). Very fine trailing plant with very showy large cup-shaped bright crimson flowers. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 80c, oz. \$2.50.

Hardy Carnations

The following represent the finest Carnation that can be grown from seed and that are hardy in the Northern States:



The All Double Carnations Have Flowers of This Type

Whitsuntide Carnation

An entirely new strain of feathered Carnation with beautifully fringed petals. The seed usually produces 70 to 80% double flowers. The flowers are of fine form with diameters of $2\frac{1}{2}$ to 3 inches. The plants are hardy and perennial with an abundance of bloom. The stalks are about 16 inches long, upright and strong enough to withstand outdoor weather conditions.

When well established the plants bloom early, beginning in May. We offer the seed in mixture containing pink and light red shades and lilac. **Introducer's Pkts.,** each 60c, 2 for \$1.00.

New All Double Carnations

An absolute hardy strain, producing large double flowers ($1\frac{1}{2}$ to $2\frac{1}{2}$ inches diameter) on long stiff stems, very fine for cutting. They come practically 100% double from seed with few small blooms. We believe this is the finest strain of hardy double carnations ever offered. Shades of salmon, rose, scarlet, dark red, purple and white. For 1938 we can offer the following separate colors as well as the mixed.

Salmon	Dark Red
Scarlet	Purple
White	Rose

Any Color Introducer's Tr. Pkts., \$1.00
 All Double Finest Mixed, Tr. Pkt. (100 seeds or more), 75c, 3 for \$2.00.

The Grenadin Type

Blooms the first year from seed sown early. Good sized double and semi-double flowers on fair stems. Come quite true.

Dark Red. (King of the Blacks).

Scarlet	Rose	White
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Any above 4 colors, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Golden Sun. Rich yellow. Tr. Pkt. 35c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.60.

White Gold. Soft yellow. Fully double with good long stems. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 80c, oz. \$3.00.

Grenadin Mixed. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Earliest Dwarf Viennas

Early flowering, rather dwarf type 12 to 15 inches tall.

White. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Rose. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Crimson (Othello). Tr. Pkt. 35c, $\frac{1}{4}$ oz. \$1.00.

Early Dwarf Vienna Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.60.

Candytuft—Iberis

Iberis Sempervirens (R). Mass of white in the spring. Evergreen foliage, 10-12 inches. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.40.

Juncunda (R). Very dwarf pink flowering variety 4 in. Tr. Pkt. 50c, $\frac{1}{8}$ oz. \$1.25.

Gibraltarlea (R). Lilac shading to white. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Cassia—Indian Senna

Marylandica. The best of the garden varieties. Tall bushy plants with masses of bright yellow flowers during July, August and September. Height 4-5 ft. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Catananche

Pretty for borders and valuable for cutting because of their everlasting qualities.

Coerulea Blue. Blue with dark center, $2\frac{1}{2}$ ft. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Alba Bicolor. White with dark center, $2\frac{1}{2}$ ft. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Cephalaria—Alpine Scabiosa

Alpina. Plants 5 ft tall, bearing heads of sulfur yellow flowers resembling Scabiosa. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.20.

Centaureas

Easily grown border plants which produce plenty of bloom in a sunny situation in ordinary soil.

Dealbata. Soft rosy pink flowers in June and July, 18-24 inches. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Macrocephala. Large thistle-like golden yellow blooms of great value for cut flower work, 3 ft. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Montana Blue. Large, cornflower blue. Blooms July to September, 2 ft. $\frac{1}{4}$ oz. 15c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Montana White. $\frac{1}{4}$ oz. 20c, oz. 60c.

Rigidifolia Rosea. Pink flowers on branching plants, 20 inches. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Ruthenica. Light yellow flowers on 4 ft. plants. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.20.

Cerastium

Tomentosum, Snow in Summer (R). Silvery gray foliage with white flowers. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.20.

Biebersteinii (R). Spreading plant with white foliage and white flowers in May and June. $\frac{1}{4}$ oz. 25c, oz. 75c.

Cheiranthus—Wallflower

Allioni, Siberian Wallflower (R). Bright orange flowers, very freely borne during June and July. Excellent for rockery or border. Grown as a biennial. Will bloom first year from seed sown very early, $1\frac{1}{2}$ ft. $\frac{1}{4}$ oz. 15c, oz. 40c.

Allioni, Golden Bedder. A new strain with bright golden yellow flowers. Neat plants about 1 foot high. $\frac{1}{4}$ oz. 25c, oz. 75c.

Linifolius Alpine Wallflower (R). Lilac blue flower. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Chelone—Turtle Head

Valuable flowers for the hardy border and for cutting. They are closely allied to the hardy Penstemons.

Barbatus Torreyi. Brick red, slender tubular flowers in July and August, 2 ft. Tr. Pkt. 15c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

Barbatus Coccinea. Scarlet with yellow. $\frac{1}{4}$ oz. 20c, oz. 60c.

Barbatus Hybrida Praecox. Early flowering hybrids in shades of pink, rose and red. Nice for cutting, 2-3 ft. $\frac{1}{4}$ oz. 25c, oz. 75c.

Campanulas

Canterbury Bells—Biennial Varieties

The Mediums and Calycanthemas are biennials and we recommend sowing seed every year for the following season's bloom.

Medium Single Canterbury Bells. Showy plants, 2 to 3 ft. high bearing large single bell-shaped flowers. Biennial.

Deep Blue **White**
Lilac or Light Blue **Rose Pink**

Any color— $\frac{1}{4}$ oz. 15c, oz. 40c, $\frac{1}{4}$ lb. \$1.20.

Medium Single Mixed— $\frac{1}{4}$ oz. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c.

Double Mixed— $\frac{1}{4}$ oz. 25c, oz. 75c.

Calycanthema—Cup and Saucer

White **Light Blue**
Rose Pink **Deep Blue**

Any Color— $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Calycanthema Single Mixed. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Calycanthema Double Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, $\frac{1}{4}$ oz. \$1.00.

MARTIN'S PRIZE MIXTURE

A splendid mixture of medium and Calycanthema varieties, both singles and doubles, all colors. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Perennial Campanulas

The following may be grown as perennials and are all hardy in this section.

Carpatia Blue (Hairbell). Splendid variety of dwarf erect growth and blue flowers, 1 ft. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

Carpatia White. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

Fragilis Blue Star of Bethlehem (R). A beauty for rock or wall gardens or hanging baskets. Little trailing plants with light blue star-shaped flowers. Tr. Pkt. 50c, $\frac{1}{8}$ oz. \$1.75.

Garganica Blue (R). Another splendid rock or wall garden variety. Trailing and when in bloom a mass of pretty blue flowers. Tr. Pkt. 50c.

Glomerata Superba. Large clusters of deep rich blue flowers. Improved strain, $1\frac{1}{2}$ -2 ft. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 65c, $\frac{1}{4}$ oz. \$1.20.

Pusilla Blue (R). Excellent for rockery, shiny green leaves, bright blue flowers, 4-6 inches. Tr. Pkt. 50c.

Pyramidalis Blue, Chimney Campanula. Tall growing, 4-5 ft. with blue star-shaped flowers most all summer. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.40.

Pyramidalis White. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.40.



Campanula Persicifolia

Persicifolia—Peach Bells

Graceful plants 2 to $2\frac{1}{2}$ ft. tall bearing large open bell-shaped flowers.

Pers. Blue. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Pers. White. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Grandiflora Blue. Extra large bells.

Grandiflora White.

Either Color. Tr. Pkt. 50c.

Pers. Double Blue **Pers. Double White**
Doubles, semi-doubles and singles. Variable from seed. **Either color**— $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.75.

Pers. Grandiflora Telbam Beauty. Improved strain of very large china blue flowers. Variable from seed. Tr. Pkt. 35c, $\frac{1}{8}$ oz. \$1.20, $\frac{1}{4}$ oz. \$2.00.

Rotundifolia Blue (R). Slender graceful habit with pale blue flowers. 8-10 inches. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.40.

Rotundifolia Olympica (R). Excellent new strain with many small light blue bells, 10-12 inches. Tr. Pkt. 50c.

Turbinata Blue (R). Cup-shaped lavender blue bells in June and July, 12-18 inches. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.25.

Turbinata Alba. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.25.

Coreopsis

Double Sunburst. New strain of Double Coreopsis with large flowers of deep golden yellow. The blooms keep remarkably well after cutting. The introducer claims Sunburst comes 80% double from seed and our own trials substantiate that claim. $\frac{1}{4}$ oz. 25c, oz. 80c.

Lanceolata Grandiflora. Long stemmed, golden yellow, 3 ft. $\frac{1}{4}$ oz. 10c, oz. 25c.

Mayfield Giant. Improved large flowering strain, $3\frac{1}{2}$ ft. $\frac{1}{4}$ oz. 20c, oz. 60c.

Auriculata Superba Diadem. Golden yellow with attractive band of brownish red around the disk, 3 ft. $\frac{1}{4}$ oz. 20c, oz. 60c.



Coreopsis, Double Sunburst



Shasta Daisy, Alaska

Clematis

Seed is slow in germinating and we suggest fall or winter sowing, or stratifying.

Davidiana. Shrubby plant for the border. Has fragrant tubular deep blue flowers, blooming August and September, 4 ft. **Tr. Pkt. 35c, ¼ oz. 60c, oz. \$2.00.**

Recta. Has pretty white flowers in terminal racemes, blooms June, July and August, 2½-3 ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Integrifolia. Herbaceous clematis with erect habit, about 3 ft. high. Drooping blue flowers. **Tr. Pkt. 50c, ¼ oz. \$1.25.**

Paniculata. Vine with small white sweet scented flowers. ¼ oz. 10c, oz. 30c.

Corydalis

Cheilanthifolia (R). Pretty spring blossom with bright yellow flowers and fern-like foliage. Does well in shade and prefers rich moist gravelly soil, 1 ft. **Tr. Pkt. 50c, ¼ oz. \$1.00.**

Lutea (R). Dwarf variety for borders and rock gardens. Showy golden yellow flowers. **Tr. Pkt. 35c, ¼ oz. 75c.**

Crucianella

Stylosa (R). Blooms practically all summer from May to November, masses of rose pink flowers in terminal clusters. It forms dense carpets of foliage which creep and cover the ground. ¼ oz. 20c, oz. 60c.

Cynoglossum

Nervosum. Beautiful new blue flowering perennial. Brilliant blue flowers like miniature Anchusas in May and June. 18 inches. **Tr. Pkt. 35c.**

Dicentra—Bleeding Heart

Give a partially shaded location and light soil. Seed is slow to germinate but is hastened by freezing. Best to sow in fall or in winter months.

Eximian, Plumy Bleeding Heart. Finely cut fern-like foliage and showy racemes of pink flowers, which bloom practically the whole season. Dwarf, 12-15 inches. ¼ oz. 35c, ¼ oz. 60c, oz. \$1.50

Spectabilis Dielytra. Beautiful pendant sprays of heart-shaped pink flowers. Flowers best during May and June, is perfectly hardy. 1½ to 2 ft. Seed is uncertain and slow in germinating. **Tr. Pkt. 50c, ¼ oz. \$1.50.**

Chrysanthemum — Shasta Daisy

The following Chrysanthemum Leucanthemum or Shasta Daisies represent the most valuable of the group. Excellent for border display and for cutting. Florists need a collection of Shasta Daisies for summer cut flowers. You can get a long cutting season by choosing early, mid-season and late varieties.

Alaska. Most popular of all. Large pure white blooms on excellent stems. Starts blooming in June and continues for sometime, 2½ ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Avalanche. Very free blooming dwarf compact plant (2 ft. high) with large white daisies. For cutting or border. ¼ oz. 25c, oz. 80c.

Conqueror. Best tall later flowering variety, 3 ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Elder Daisy. Very early blooming, for Memorial Day. Smaller than Alaska but free flowering, 2 ft. ¼ oz. 20c, oz. 70c.

King Edward VII. Midsummer, often starting to bloom June 15th, 2½ ft. ¼ oz. 20c, oz. 70c.

Laciniatum Fringed Beauty. Curled and twisted petals, 2 ft. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.

May Queen. The Memorial Day Daisy, Bloom begins early May, 2 ft. ¼ oz. 25c, oz. 80c.

Mrs. C. Lowthian Bell. Splendid variety, large with long season of bloom. Valuable for florists because of size of flower, length of stem and long season 3 ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.20.

Spring Marguerite, Leuc Vernalc. Spring blooming, good stems for cutting. ¼ oz. 20c, oz. 60c.

Mixed Shasta Daisies. Gives a good assortment for cutting. ¼ oz. 25c, oz. 75c.

Double Shasta Daisies

Diener's Giant Double. New development with flowers of very interesting form. They vary considerably from fully double, no centers, to semi-doubles and singles. Most have broad petals, others are very slender and twisted. **Our strain is reselected and improved in percentage of doubleness.** **Tr. Pkt. 40c, ¼ oz. 85c, ½ oz. \$1.50.**

White Lady. Early flowering semi-double, smaller flowers than Diener's Giant. **Tr. Pkt. 35c, ¼ oz. 85c, oz. \$3.00.**

Chrysanthemum Mawii. Small plant with medium sized pink daisies, silvery foliage. 1 ft. **Tr. Pkt. 35c, ¼ oz. 90c.**

Dictamnus—Gas Plant

Very satisfactory border plants because of their attractive fragrant foliage, as well as for the flowers, which are borne during June and July, 2½ ft. Freezing hastens germination of Dictamnus. Germination is usually slow and uneven.

Fraxinella Pink. Rose pink.

Fraxinella White. White form of above. **Either color, ¼ oz. 25c, ¼ oz. 40c, oz. \$1.40.**

Digitalis—Foxglove

The most popular varieties are biennials and are best propagated from a sowing of seed each year.

Shirley Mixed. Large individual flowers on tall stately spikes. A rich mixture of colors. ¼ oz. 15c, oz. 50c, ¼ lb. \$1.50.

Gloxiniaflora Varieties

Large spikes with spotted flowers in various colors.

Purple **Rose** **White**
Above colors—¼ oz. 20c, oz. 50c.
Isabellina. Light yellow. **Tr. Pkt. 15c, ¼ oz. 25c, oz. 75c.**

Glox, Mixed, ¼ oz. 15c, oz. 45c.

Grandiflora. Chrome yellow, 3 ft. ¼ oz. 25c, oz. 80c.

Lutzii Hybrida Salmon. Shades of salmon and pink, 4 ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Maculata Iveryana. Beautiful spotted variety, 4 ft. ¼ oz. 20c, oz. 60c.

Doronicum

Leopard's Bane

Extremely valuable flowers for cutting and also for garden display. Large, graceful, pure golden yellow flowers are freely borne in May and June.

Caucasicum Magnificum. Excellent strain with very large flowers, 2-2½ inches across, 2 ft. **Tr. Pkt. 75c, ¼ oz. \$2.00.**

Dryas

Octopetala (R). White anemone-like flowers, 6 inches. **Tr. Pkt. 35c, ¼ oz. \$1.00.**



Doronicum Caucasicum

DELPHINIUMS Prize Named Varieties

Blackmore and Langdons are sending us the following selection of named varieties this year. While variable from seed you can count on wonderful results and plants that will demand extra good prices. **We advise immediate orders as seed stock is limited.**

Blue Gown. Very large, ultramarine blue with black eye. Semi-double.

Graham Seton. Deep blue and rosy purple, with white eye.

Lady Barbara. Pale mauve with sky blue, white eye.

Lady Holt. Long graceful spikes of deep sky blue.

Lady Kathleen. Lavender and bright blue. White eye striped mauve.

Mrs. J. S. Courtauld. Sky blue touched with mauve, white eye.

Nell Gwyn. Rosy mauve with small white eye.

W. B. Cranfield. Combination of gentian blue and rosy mauve, with white eye.

Prices on above named varieties. **Tr. Pkt. (400-500 seeds) \$1.00, any 3 Tr. Pkts. \$2.70, any 6 Tr. Pkts. \$5.00.**

Delphiniums

Our years of experience as Nurserymen are of great value in the selection of the finest strains of Delphinium. You can benefit by that experience. Select your seed from this listing.



Delphinium, B. & L. Hybrids

The Belladonna Type

The plants of the Belladonna type, including Belladonna, Bellamosum and Lamartine produce loose graceful spikes which are in many cases better adapted to floral work than the heavier formal spikes of the Elatum Hybridum type such as Blackmore and Langdons and Wrexham.

Belladonna Improved Cliveden Beauty

A carefully selected strain, which we can highly recommend. It is the finest light blue for forcing or outdoor growing. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.60. We can supply our special strain in any quantity. If interested write for our prices by the quarter pound and pound.

Belladonna. Standard strain. Mostly light blue, some of darker shades. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.30.

Lamarthe. It is a deeper shade than Bellamosum and has a distinct white eye. In color it is more like the old Formosum but is a much better grower and has better foliage and is not so susceptible to disease. $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$4.50.

Bellamosum Improved. A real improvement with large flowers, deeper and more uniform color. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.20.

Bellamosum. Fine dark blue. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.60.

Blue Grotto A good strong growing variety of the Belladonna type. The florets are large deep blue, enriched with a royal purple bee with a creamy white center. The effect is lighter than Lamartine. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.60.

Summer Cloud — White

After further trial we are inclined to call Summer Cloud a really better white Delphinium than Iceberg. Produces fine clear spikes for cutting or for contrast with the blues in the garden. Comes very true from seed. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.60.

Blackmore and Langdon's Hybrids Prize Strain—Originator's Seed

This is unquestionably one of the finest strains of Delphinium Hybrids to be had in the world today. Mr. Martin was one of the first in this country to import this strain and did much to familiarize the American trade with its many good qualities and beauty. Annually we import a quantity of seed direct from Messrs. Blackmore and Langdon. This seed is taken from the prize plants in their gardens. Their plants, year after year, win the highest awards in English and Continental Exhibits.

$\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Blackmore and Langdons, Martin's Stock.

This seed is one generation removed from the original Blackmore and Langdon's seed. We have been very careful in selecting seed from the best plants and we know from past experience that the result is very good indeed. $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$2.50, $\frac{1}{4}$ lb. \$8.00.

Giant Pacific Strain (V & R)

Delphiniums

A boon to Florists and Nurserymen

The hybridizer of this strain had as his aim much more than tremendous height and size of spike. He has produced large flowers, but properly proportioned to the size of the spike to maintain proper balance and gracefulness of the plant.

The stems of this strain are wiry, strong enough to resist high winds, and while it is not 100% mildew resistant, mildew resistant plants do predominate.

Under good conditions your seedlings should produce beautifully proportioned spikes 3 to 5 feet in height with only 1 to 2 feet of foliage.

The individual flowers are large, 2 to 3 inches in diameter of beautiful shadings and of good form and substances. Many are double, some semi-double and single.

We strongly recommend the Giant Pacific strain both to the grower of plants to sell and the grower of flowers for cutting.

Pacific Hybrids, All Shades Mixed.

Light Blue and Lavender Shades.

Dark Blue and Violet Shades.

Any above—Tr. Pkt. \$1.00, $\frac{1}{4}$ oz. \$2.00, $\frac{1}{4}$ oz. \$3.50, oz. \$12.00.

Pacific Clear White, extra fine. Tr. Pkt. \$1.00.

Chinensis Delphinium

Sometimes called Annual Delphinium as they bloom the first year from early sown seed. Graceful plants and spikes loosely arranged, excellent for cutting or garden display.

Tall Varieties—3 ft.

Cambridge Blue. Clear Belladonna blue, flowers with good cutting stems, 3 ft. tall. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Chinensis Dark Blue, 3 ft. $\frac{1}{4}$ oz. 25c, oz. 80c.

Chinensis White, 3 ft. $\frac{1}{4}$ oz. 25c, oz. 80c.

Dwarf Varieties, 12-15 inches

Blue Butterfly Improved or Tom Thumb.

Rich Ultra-marine blue.

Azure Fairy. The light blue.

Dwarf White Chinensis.

Above— $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Martin's Superb Wrexham or Hollyhock Strain

The Wrexham strain has tall spire-like spikes of bloom with the individual flowers of good size and thickly studded on the spike. In fact the spike is a solid mass of bloom. Our superb strain is a careful reselection which includes all shades from very pale blue, lavender and orchid to the deepest and richest purples and blues.

All shades mixed— $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

We also offer separate shades viz:

Wrexham Art Shades

Wrexham Dark Blue Shades

Wrexham Mid Blue Shades

Wrexham Light Blue Shades

Any one $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Martin's 'Good Value' Hybrids. For the grower who must produce plants at a competitive price. This strain is very good, contains many shades in doubles, semi-doubles and singles. Includes good strains of English Hybrids, Wrexham, Blackmore and Langdons, etc. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00, $\frac{1}{4}$ lb. \$6.00.

Cardinale. The Red Delphinium, bright scarlet blooms in loose spikes. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 65c, oz. \$2.20.

Zalil Candelabrum. The best yellow Delphinium in germination. Tr. Pkt. 50c.



Belladonna Improved

Dianthus



Dianthus, Highland Hybrids

Highland Hybrids Mixed. Crimson, salmon pink, white with eye, and many other shades. Extra large flowering. Tr. Pkt. 35c, ¼ oz. 75c, oz. \$2.40.

Highland Queen. Large single of brilliant scarlet vermilion with darker eye. Tr. Pkt. 40c, ⅓ oz. 75c, ¼ oz. \$1.25.

Little Jock Hybrids (R). Compact little plants 6 to 8 inches high bearing multitudes of fringed flowers in tints of pink, rose and white, many with deep zones. Double, semi-double and single. Tr. Pkt. 50c, ⅓ oz. \$1.00.

Various Dianthus Species

Dianthus Allwoodi. Carnation and Pink Hybrid, with beautiful flowers double and single mixed. Not very hardy. Tr. Pkt. 35c, ¼ oz. \$1.50.

Allwoodi Alpinus (R). Perfectly hardy and flowering first year from seed, started early. The flowers are very delicate colors, very fragrant and the plants neat and symmetrical in form. Single and semi-double mixed. Tr. Pkt. 35c, ¼ oz. \$1.00.

Loveliness. One of Allwood's outstanding introductions. The flowers a shade of Heavenly mauve, with petals deeply cut and lacinated, and of delightful fragrance. Tr. Pkt. 35c, ⅓ oz. \$1.00.

Rose Cushion (R). Plants are little cushions of gray green foliage, which is evergreen. In late May each plant produces many flowers of a rich shade of rose pink. One of the prettiest of all dwarf rock garden or edging plants. Tr. Pkt. (about 500 seeds) 50c.

Arenarius (R), Sand Pink. Small pale lilac to white fringed flowers, 6-8 inches. ⅓ oz. 25c, ¼ oz. 45c, ¼ oz. 80c, oz. \$2.50.

Caessius Grandiflorus, Cheddar Pink (R). Bright pink flowers, freely borne, excellent for wall gardens and dry banks as well as the rockery. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Plumarius Varieties Hardy Scotch or Clove Pinks

The old fashioned Hardy Pinks are rapidly coming back into favor and new strains have been added to the list.

Plumarius Single Mixed. ¼ oz. 10c, oz. 30c.

Double and Semi-Double Mixed. ¼ oz. 25c, oz. 75c.

Extra Double Mixed. Improved in doubleness, size of flower and color assortments. Tr. Pkt. 25c, ¼ oz. 80c, oz. \$3.00.

Semperflorens Mixed, Florists Perpetual Pinks. Double and semi-double varieties giving a long season of bloom. ¼ oz. 25c, oz. 80c.

Scottius Double Mixed. The beautiful Scotch Pinks. ⅓ oz. 30c, ¼ oz. 55c, ¼ oz. \$1.00, oz. \$3.50.

Spring Beauty. A fine selection of extra large double, fragrant varieties. Many colors. Tr. Pkt. 35c, ¼ oz. 90c.

Cyclops Single Mixture. Single large flowering perpetual blooming varieties in various colors, each with deep red eye. ¼ oz. 25c, oz. 80c.

Dwarf Double Mixed. Excellent for border or bedding, plants quite uniform, 10 inches tall. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Double Rose Pink. Tr. Pkt. 35c, ¼ oz. 90c.

Double White. Tr. Pkt. 35c, ¼ oz. \$1.00.

Princess Juliana. Attractive salmon pink large single flowers. Tr. Pkt. 35c, ¼ oz. \$1.00.

Cruentus (R). Dark crimson flowers in clusters. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.20.

Deltoides Brilliant, Maiden Pink (R). Bright red, much finer than the type. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Deltoides Alba (R). White with dark eye. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Deltoides, Major Stern's Variety (R). Crimson flowers, bronze foliage. Tr. Pkt. 25c, ¼ oz. 75c, oz. \$2.40.

Deltoides Erecta (R). Another splendid Allwood introduction. The plants are compact and erect bearing bright red flowers. Early sown seed will flower the same year. Tr. Pkt. 50c.

Grandiflorus (R). Carmine flowers. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.40.

Latifolius Atroc. Double red. Double and semi-double deep crimson flowers on stems 15 to 18 inches tall. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Neglectus, Glacier Pinks (R). Little tufts of foliage, cheery red flowers. Very neat. 100 seeds 35c, 500 seeds \$1.50, 1000 seeds \$2.50.

Winteri (R). Striking new strain. Plant of compact habit, the flowers good size of bold colors and sweet scented. Hardy, though we suggest winter protection in the Northern States. Tr. Pkt. 50c.

Echinacea—Rudbeckia

Purpurea. Purple cone flower. Reddish purple flowers with long drooping petals. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.00.

Purpurea Imp. Hybrids. Contains many new and improved combinations of gold, mahogany and bronze. ⅓ oz. 25c, ¼ oz. 40c, ¼ oz. 75c, oz. \$2.40.

See also Rudbeckias.

Echinops—Globe Thistle

Ritro. Very ornamental metallic blue, rounded thistle-like flowers in July and August. Valuable for cutting, making everlasting bouquets. 3-4 ft. ¼ oz. 15c, oz. 40c, ¼ lb. \$1.00.

Edelweiss—Leontopodium

Alpinum (R). A fine dwarf alpine with woolly foliage and small yellow flowers. Tr. Pkt. 40c, ⅓ oz. \$1.00, ¼ oz. \$1.75.

Erigeron

An excellent group of plants for the hardy border and for cutting. They do well in most any garden soil.

Double Azure Beauty. This fine new variety comes a large percentage double from seed. The flowers open fully double, later showing some center. A good shade of Azure blue. Plants 2½ feet tall and free flowering in late spring and early summer. Tr. Pkt. 35c, ½ oz. \$1.00.

Speciosus Grandiflorus. One of the best for cutting with good sized blue flowers, touched with violet and contrasting yellow centers. Blooms June and July, 2½ ft. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Grandiflorus Elatior. Early blooming (May) with good sized rosy lilac flowers. 2 ft. Tr. Pkt. 35c, ¼ oz. 70c, oz. \$2.40.

Coulteri. Early, white flowers, excellent for cutting. Tufted foliage, 1½ ft. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Multiradatus Rosens (R). Distinct from others, a dainty little plant for rock gardens, bearing small pink daisies, 6 inches. Tr. Pkt. 25c, ¼ oz. 60c, ¼ oz. \$1.00.

Eryngium—Sea Holly

Alpinum (R). Sometimes called Alpine Sea Holly. Blue flowered, 2½ feet. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Amethystinum. We have the true strain of this fine variety. It is the real deep blue shade, much better than some strains sold under the same name, 2½ ft. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Erysimum

Putechillum. Freely borne, sulfur yellow flowers, 1 ft. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Eulalia—Ornamental Grass

Japonica Zebrina, Zebra Grass. Long slender leaves crossed with yellow bands, 6 ft. ¼ oz. 25c, oz. 90c.

Eupatorium Hardy Ageratum

Fraseri Ageratoides. White flowering, 2 ft. high, fine for cutting, blooming August and September. ¼ oz. 25c, oz. 80c.

Purpureum. Large clusters of wine red flowers, late summer and fall. 4 ft. Tr. Pkt. 35c, ¼ oz. \$1.00.

Euphorbia

Corollata. Valuable for florists because of the masses of small pure white flowers, so useful for cutting. Can be used like Gypsophila and blooms from June through August. 2-2½ ft. Fall sowing gives good results. ⅓ oz. 25c, ¼ oz. 45c, ¼ oz. 80c, oz. \$3.00.

Polychroma. Showy yellow flowers in early spring, 9-12 inches. Tr. Pkt. 35c, ¼ oz. 75c, ¼ oz. \$1.25.

Myrsinites (R). Beautiful trailing plant for rock or wall gardens. Silvery gray leaves with yellow flowers. Likes shade, 3-4 inches. Tr. Pkt. 25c, ¼ oz. 55c, oz. \$1.80.

Festuca—Ornamental Grass

Glauca, Blue Fescue (R). Fine leaved grass for rock gardens, between stepping stones, wall gardens, etc. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Galega

Hartlandi. An improved variety with bi-colored flowers white and lilac in dense clusters. Good cut flower, 3 to 4 ft. ¼ oz. 15c, oz. 45c.

Gentiana

Seed slow to germinate.
Acanthis (R). Fine blue variety for edgings, 3-4 inches. **Tr. Pkt. 25c, ¼ oz. 80c, oz. \$2.40.**
Lutea. Tall yellow flowering, 3 ft. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Geranium

Sanguineum (R). Plant of bushy, though somewhat trailing habit with large dark purplish red flowers, 6 inches. **Tr. Pkt. 35c, ¼ oz. \$1.10, ¼ oz. \$2.00.**
Sanguineum Album (R). White flowered. **Tr. Pkt. 50c.**

Geum

Popular border and rock garden perennials which produce bright long stemmed flowers which reach up to 15 to 18 inches high. They flower May to July.
Single Scarlet, Coccineum. Very bright with yellow centers. ¼ oz. 25c, oz. 80c.
Lady Stratheden. Finest golden yellow, double. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.70.
Mrs. Bradshaw. Double, glowing red. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.70.
Orange Queen. Double orange scarlet. **Tr. Pkt. 35c, ¼ oz. 80c, oz. \$2.80.**
Prince of Orange. The true double orange. Seed is scarce. **Tr. Pkt. 50c, ¼ oz. 90c, ¼ oz. \$1.60.**



Geum, Mrs. Bradshaw

Globularia—Globe Daisy

Tricosantha (R). Dwarf tufted plant with globular flower heads of pale blue or lavender. 10-12 inches. **Tr. Pkt. 35c, ¼ oz. 75c, ¼ oz. \$1.40.**

Helenium

Autumnale Hybridum Præcox. Early flowering in shades of yellow, bronze and crimson, 3 ft. **Tr. Pkt. 25c, ¼ oz. 70c, ¼ oz. \$1.20.**
Bigelowi. Excellent for cutting, yellow with black center, 2½ ft. **Tr. Pkt. 25c, ¼ oz. 75c, oz. \$2.40.**
Hoopesi. Early, starting to flower in June. Orange yellow, 2-2½ ft. ¼ oz. 25c, oz. 80c.
Riverton Gem. Fall blooming, crimson and gold, 3½ ft. **Tr. Pkt. 35c, ¼ oz. 80c, oz. \$2.60.**
Riverton Beauty. Fall blooming, bright yellow, 4 ft. **Tr. Pkt. 35c, ¼ oz. \$1.20, oz. \$4.00.**

Helianthus—Hardy Sunflower

Angustifolius, Autumn Glory. Fall blooming, good cut flower, showy yellow flowers with black centers, 3 ft. **Tr. Pkt. 25c, ¼ oz. 70c, oz. \$2.40.**
Maximillanus. Early flowering yellow, 3 ft. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.40.

Gaillardias

Excellent for Cutting and Garden Display

Martin's Magnificent. The best Gaillardia we have ever seen. Long stiff stems bearing extra large flowers with clearly defined mahogany zone, over the bright golden yellow. The petals are broad and heavy with real substance. The effect of a cut flower bouquet of Magnificent is much brighter than other varieties. **Tr. Pkt. 50c, ¼ oz. \$1.00.**

Pure Gold Novelty Gaillardia for 1937.

A splendid large golden yellow variety with yellow centers. Handsome, well formed flowers with good strong stems. Come practically 100% true from seed. **Tr. Pkt. 35c, ¼ oz. 60c, oz. \$2.00.**

Dwarf Goblin. An excellent border variety as it forms bushy plants 12 to 15 inches high, which are covered during the summer with flowers of golden yellow with their deep red zones. A worthwhile novelty. **Tr. Pk. 40c, ¼ oz. 85c.**

Burgundy. Shining deep wine red showing practically no yellow. Our strain is an improved selection, coming a large proportion true from seed. **Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.**

Dazzler. Golden yellow and maroon. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.

Maxima Aurea. Fine golden yellow with dark center. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Portola Hybrids. Very robust growing, shade of bronzy red, with golden tips. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.



Gaillardias Are Excellent for Cutting

Tangerine. Tangerine orange of great beauty. Variable from seed but an excellent strain to grow. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Torchlight. Extra large flowers, golden yellow with maroon red center. Plant habit compact with strong stiff stems. **Tr. Pkt. 25c, ¼ oz. 55c, oz. \$1.80.**

Martin's Novelty Mixture. For the grower who wants a few plants each of all the newer strains and does not care to have them separately named. We make this mixture up ourselves of the newer types. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Gaillardia Grandiflora Mixed. ¼ oz. 15c, oz. 45c, ¼ lb. \$1.20.

Gypsophila

Extremely valuable to the florist for cutting material and valuable in the garden also for the masses of light misty bloom.

Acutifolia. Lilac pink flowers, 3-4 ft. ¼ oz. 25c, oz. 80c.

Manginii. Rosy pink, 2 ft. ¼ oz. 20c, oz. 60c.

Pacific. Pink variety of strong growth, blooming after the Paniculata is past its best, 4 ft. ¼ oz. 30c, ¼ oz. 50c, ¼ oz. 90c, oz. \$3.20.

Paniculata Single. White. ¼ oz. 15c, oz. 35c, ¼ lb. \$1.00.

Paniculata Double. Has been coming about 50% double. Small white flowers, an excellent strain for drying. ¼ oz. 25c, ¼ oz. 80c, oz. \$2.40.

Double Snow White. Largest flowering strain of double white grown from seed. Not 100% true to type, but you will get a surprising large number of plants with large double blooms, many equal to Bristol Fairy. ¼ oz. 40c, ¼ oz. 70c, ¼ oz. \$1.20, oz. \$4.00.

Oldhamiana. Somewhat similar to Paniculata but it has a much longer season, flowering until late in the Autumn. Flowers white, delicately tinted pink. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Repens White (R). Dwarf trailing plant with masses of small white flowers during July and August, 6 inches. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.40.

Repens Rosea (R). Pink flowering. ¼ oz. 30c, ¼ oz. 55c, oz. \$1.80.

Hedysarum

Coronarum. Showy border plant with racemes of dark red fragrant flowers, 2 ft. ¼ oz. 30c, oz. 90c.



Gypsophila, Double Snow White

Helianthemum Rock or Sun Rose

Low growing evergreen plants in spreading clumps. They bloom all summer and are excellent for the rock garden, edging of the border or as a ground cover on dry banks.

Mutabile Hybrids. Rose, white and yellow shades. ¼ oz. 20c, oz. 70c.

Helleborus—Christmas Rose

Excellent rock garden plants, doing best in deep rich well drained soil and partial shade. The seed is by reputation slow and difficult to germinate. We get our supply immediately after harvest in December and it should be sown as soon as possible after that. Sow in flats in the greenhouse in cool temperature. Often requires a year or more to complete germination.

Niger. Pure white flowers. ¼ oz. 25c, oz. 80c.



Helioopsis, Double Lemoine Strain

Heliopsis—Hardy Zinnia

Valuable cutting material, tall branching plants.

Pitcheriana. Golden yellow, fairly early, 3-4 ft. ¼ oz. 20c, oz. 60c.

Scabra Ziucciflora. Large semi-double golden yellow bloom, 3 ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.20.

Double, Lemoine Strain. Very fine with a large percentage of the blooms fully double, some semi-double, some single. Gives a wealth of long stemmed flowers for cutting. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.20.

Heuchera

They are best in a partial shaded or sunny location in the border or rockery. They bloom in late May, June and July, with their tall slender stems of small bell-shaped flowers.

Sanguinea Splendens. Bright red strain. Tr. Pkt. 35c, ¼ oz. \$1.00, ¼ oz. \$1.75, oz. \$6.00.

Maxima. Improved Sanguinea with more and larger flowers and spikes rich deep crimson. Tr. Pkt. 50c, ¼ oz. \$1.50.

Finest Hybrid Grandiflora Mixed. Covers the whole range of shades in the Sanguinea type. Tr. Pkt. 35c, ¼ oz. \$1.00, ¼ oz. \$1.75, oz. \$6.00.

Brizoides. Bright pink flowers and much freer blooming than the Sanguineas. May blooming. Somewhat dwarfer than the Sanguineas. Tr. Pkt. 35c, ¼ oz. \$1.25,

Hesperis—Sweet Rocket

Matronalis Purple. Desirable for mixed hardy border, with spikes of fragrant purple in June and July, 2½ ft. Tr. Pkt. 10c, oz. 20c, ¼ lb. 60c.

Matronalis Alba. White. Tr. Pkt. 10c, oz. 20c, ¼ lb. 60c.

Matronalis Mixed. Tr. Pkt. 10c, oz. 20c, ¼ lb. 60c.

Nana Candidissima. True pure white, dwarfer compact strain. Tr. Pkt. 25c, ¼ oz. 45c, oz. \$1.50.

Heteropappus—Blue Daisy

Hispidus. A rare daisy with 1½ inch single flowers of silvery lavender blue. plants 2 ft. tall, free blooming and perfectly hardy. Seed sown early will bring bloom the first year. Flowers last well when cut. Tr. Pkt. 35c, ¼ oz. 75c, oz. \$2.20.

Hibiscus

Giant Mallow Marvels. Bushy plants 4 ft. tall, with giant single flowers.

True Red. Extra select strain. ¼ oz. 20c, oz. 60c.

Pink. Rose pink shade.

White With Crimson Eye.

Either above—¼ oz. 20c, oz. 60c.

Mallow Marvel Mixed. ¼ oz. 20c, oz. 60c.

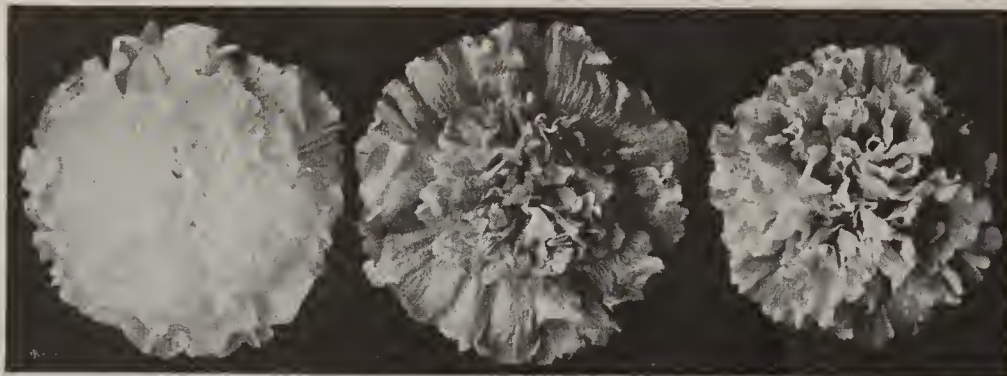
Hibiscus Moscheutos. Giant flowered native type with flowers in lively pink shades. Tall growing. ¼ oz. 20c, oz. 60c.

Hyacinthus

Candicans (Galtonia). Long racemes of white flowers, like snow drops, 3-4 ft. ¼ oz. 20c, oz. 60c.



Heuchera Brizoides



Chater's Double

Emperor

Triumph

Martin's Fine Hollyhocks

New Double Scarlet Beauty. A full double of Chater's type which will bloom the first year from early sown seed. Bright intense scarlet. Tr. Pkt. (200 or more seeds) 50c.

Emperor Double Mixed. Very large flowers with fringed outer petals and double rosette centers. The colors are unusual, including many of the lavender and mauve shades, and delicate pinks and salmons. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Double Triumph Fringed. An early flowering strain with large fringed flowers. Soft colors. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Exquisite Mixed. Extremely double flowers, exquisitely curled and fringed with petals blotched like a Pelargonium. Various shades of rose, violet and purple. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.30.

Allegheny Alameda Pink. Beautiful semi-double pink flowers. If sown early it will bloom the same year. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Chater's Double Hollyhock

We have excellent stocks of the standard doubles carefully grown to secure true-ness to color. The following are the best colors:

Lilac	Salmon
Maroon	White
Newport Pink	Yellow
Red (Scarlet)	

Any variety, ¼ oz. 20c, ¼ oz. 35c, oz. \$1.20.

Finest Double Mixed. ¼ oz. 30c, oz. \$1.00.

Double Orange. A rich orange apricot shade rare in Hollyhocks. ¼ oz. 35c, ¼ oz. 65c, oz. \$2.00.

Queen of Sheba. Beautiful soft chamois rose. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.

Single Hollyhocks

Single Hollyhocks are gaining in popularity, some preferring them to the doubles.

Maroon	Scarlet
Mauve	White
Rose	Yellow

Any colors, ¼ oz. 25c, oz. 75c.

Single Mixed. Includes the above and many other shades. ¼ oz. 15c, oz. 45c.

Incarvillea

Trumpet Flowers or Hardy Gloxinia

Choice plants for a sunny spot in the border. The foliage is attractive and flowers trumpet-shaped and showy.

Seed is sometimes very slow in germination so seed bed should be left undisturbed for a year at least.

Delavayi. Large rosy purple flowers, 1½-2 ft. Tr. Pkt. 35c, ¼ oz. 80c, oz. \$3.00.

Grandiflora Brevipes. Very fine brilliant rose flowers. Dwarfer than Delavayi. Tr. Pkt. 50c, ¼ oz. \$1.20, oz. \$4.00.

Inula

Ensifolia (R). Excellent rock or bedding plant, single bright yellow daisy-like flowers in July and August, 1-1½ ft. Tr. Pkt. 25c, ¼ oz. 90c.

Golden Beauty. Fine golden yellow flowers, resembling Doronicums. Good stems for cutting, 2-2½ ft. Tr. Pkt. 25c, ¼ oz. 65c, oz. \$2.20.

Royleana. Excellent variety with orange flowers of very large size, 1½ to 2 ft. Tr. Pkt. 25c, ¼ oz. 65c, oz. \$2.20.

Iris

Kaempferl. The better Japanese varieties mixed. ¼ oz. 15c, oz. 45c, ¼ lb. \$1.25, lb. \$4.50.

Sibirica. Siberian varieties mixed. ¼ oz. 15c, oz. 40c, ¼ lb. \$1.10, lb. \$4.00.

Lathyrus Latifolius

Hardy Everlasting Sweet Peas

Climbing plants which provide excellent covers for banks and terraces with plenty of flowers for cutting, which help out during the summer.

	¼ oz.	oz.	¼ lb.	lb.
White Pearl .....	.15	.50	1.35	5.00
Pink Beauty .....	.15	.40	1.15	4.00
Splendens Red ....	.15	.40	1.15	4.00
Latifolius Mixed ..	.15	.35	1.00	3.50

Lavandula—Lavender

Vera. True sweet lavender with very aromatic leaves. Blue flowers in July and August, 1½ ft. ¼ oz. 20c, oz. 60c.
Spica, Muustead Strain (R). Dwarf variety of compact habit. Blue flowers, 1 ft. Tr. Pkt. 25c, ¼ oz. 75c.

Hardy Lilies

Every nurseryman we believe is anxious to grow a good stock of Hardy Lilies for his trade. We have made up our list from varieties most liable to give good results. The seed may be sown almost any season. Use good porous soil containing plenty of sand.

- Amabile.** Red with dark spots, 2½-3 ft. Quick germination. Tr. Pkt. 35c, ¼ oz. 70c, oz. \$2.40.
- Auratum.** Golden Banded. Slow germination. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.
- Auratum Platyphyllum.** Larger than Auratum, white spotted yellow. Slow germination. ¼ oz. 30c, ¼ oz. 50c, oz. \$1.50.
- Canadense.** Drooping bells which vary from yellow to red with maroon dots. Very slow germination. Tr. Pkt. 35c, ¼ oz. 80c, ¼ oz. \$1.50.
- Candidum Salonica.** New pure white strain and the only Candidum that can be grown from seed. Quite slow germination. Tr. Pkt. 50c.
- Cernum.** Very pretty lilac pink, 2 ft. high, easy to grow. Quick germination. ¼ oz. 35c, ¼ oz. 65c, oz. \$2.00.
- Concolor.** Vivid crimson, star shaped. Another fine dependable Lily that grows readily from seed. Quick germination. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.
- Elegans.** Orange, yellow, apricot and red shades. Quick germination. Tr. Pkt. 25c, ¼ oz. 45c, ¼ oz. 80c, oz. \$2.40.
- Heuryl.** Growing easily from seed, this is one of the best real hardy Lilies. Deep orange yellow. Fairly quick germination. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Longiflorum, White Queen. Excellent Florists Lily. A new strain with snowy white wide expanded trumpets. Quick to bloom, cases being reported where it has flowered in less than 12 months. Tr. Pkt. \$1.00, ¼ Tr. Pkt. 60c.

Martagon Album. Desirable and free blooming white flower. Slow germination. Tr. Pkt. 35c, ¼ oz. 75c, ¼ oz. \$1.25.

Pardalium. The Panther Lily. Reflexed orange flowers, marked with crimson. Quite slow germination. Tr. Pkt. 25c, ¼ oz. 60c, ¼ oz. \$1.00.

Linaria

Macedonica Speciosa, Hardy Snapdragon. Handsome variety for cutting with tall spikes of yellow flowers resembling small snapdragons. Perfectly hardy, 2½-3 ft. ¼ oz. 20c, ¼ oz. 35c, oz. \$1.20.

Liatrix

Blazing Star or Gay Feather

Excellent for Cutting or Garden

We offer only re-cleaned rubbed seed, free from fluff.

- Scariosa Alba.** Rare white variety coming good percent true from seed. Seed very scarce. Liberal Tr. Pkt. 50c.
- Pycnostachya.** Good grower with spikes reaching up 5 to 6 ft. during July and August. Tr. Pkt. 25c, ¼ oz. 80c, oz. \$2.40.
- Callilepsis.** Rich crimson spikes, about two weeks earlier than Pycnostachya. Tr. Pkt. 30c, ¼ oz. 90c.
- Spicata.** Dwarf variety 1½ to 2 ft. With bright purplish rose spikes. Tr. Pkt. 25c, ¼ oz. 80c, oz. \$2.40.
- Mixed Varieties.** Contains all kinds that we offer. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.25.

Philippuense Formosauum

A fine Lily for greenhouse or outdoor cultivation often blooming within 9 to 10 months from sowing. Seed germinates quickly.

Martin's Reselected White. Reselected for purity of color much of the brownish tinge being eliminated. late summer and fall blooming outdoors. ¼ oz. 35c, ¼ oz. 60c, oz. \$1.80.

New Giant White. Extremely large pure white flowers. Tr. Pkts. 35c, ¼ oz. 60c, ¼ oz. \$1.00, oz. \$3.00.

Regale, Regal Lily. Most popular Hardy Lily. Our seed was carefully gathered at the proper time and should germinate close to 100%. ¼ oz. 15c, oz. 50c. White for quantity prices.

Rubellum. Dainty and fragrant rose pink. Excellent as a pot Lily as well as in the garden. Slow germination. Tr. Pkt. 25c, ¼ oz. 45c, ¼ oz. 85c, oz. \$3.00.

Shelburne Hybrid. A cross between Regale and Sargentiae which is easier to grow and larger than Sargentiae and blooms later than Regale. Beautiful and fragrant. Varies from seed. Quick germination. Tr. Pkt. 35c, ¼ oz. \$1.25.

Superbum. One of the best. Orange, spotted crimson. Quite slow germination. ¼ oz. 25c, oz. 80c.

Tenuifolium. The Siberian Lilly. Bright scarlet spotted black. Slow germination. ¼ oz. 25c, oz. 75c.

Tenuifolium Golden Gleam. A hybrid, rich golden and bluff in color. Easily grown and usually flowering the second year. Quick germination. Tr. Pkt. 35c.

Venustum Fujihirato (L. Maximowiczii). Orange spotted brown, a refined Tiger Lily. Fine for cutting. Quick germination. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Willmottiae. Excellent early summer blooming Lily. Vivid orange red with recurved petals spotted brown. Quick germination. Tr. Pkt. 35c, ¼ oz. 75c, ¼ oz. \$1.25.

Lunaria—Honesty

Biennis Alba. Also called St. Peters Penny. The silvery white seed panicles are in great demand for bouquets. Grown as a biennial, sowing seed each year. ¼ oz. 15c, oz. 45c, ¼ lb. \$1.20, lb. \$4.00.

Linum—Hardy Flax

- Alpium (R).** Spreading or trailing habit with pretty pale blue flowers. Tr. Pkt. 35c, ¼ oz. \$1.00.
- Flavum.** Erect growing with showy yellow flowers, 1 ft. Tr. Pkt. 25c, ¼ oz. 55c, oz. \$1.80.
- Flavum Nanum Compactum (R).** New dwarf yellow flowers, 6 inches. Tr. Pkt. 40c.
- Lewisii.** Similar in growth to Perenne Blue bearing a mass of flowers of cornflower blue. Very effective, 2½ ft. ¼ oz. 20c, oz. 60c.
- Narbonense (R).** A spreading attractive clump of foliage with azure blue, white eyed flowers, 2½ ft. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.40.
- Perenne Blue.** The common blue flax bearing its attractive flowers from May to August, 2½ ft. ¼ oz. 10c, oz. 30c.
- Perenne Alba.** White flowered. ¼ oz. 10c, oz. 30c.

Lobelia

- Cardinalis, Cardinal Flower.** Fine native perennial for moist shady locations. Tall stems with cardinal red flowers in full bloom August and September. Tr. Pkt. 25c, ¼ oz. 80c, oz. \$2.60.
- Syphilitica.** Neat plant, with large blue flower spikes July to September. Tr. Pkt. 25c, ¼ oz. 55c, oz. \$1.80.



Lychnis Chalcedonica

Lychnis

- Old Fashioned flowers, but hard to beat for lively splashes of color in the border.
- Chalcedonica Scarlet.** Vivid scarlet heads, 3 ft. ¼ oz. 15c, oz. 40c.
- Chalcedonica Alba.** White form. ¼ oz. 20c, oz. 60c.
- Chalcedonica Salmon Queen.** Beautiful salmon pink. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.
- Chalcedonica Mixed.** ¼ oz. 20c, oz. 60c.
- Haageana Scarlet.** The Haageanas are fine bedders and will bloom the first year from seed sown very early. Bright scarlet, 18 inches. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.
- Arkwrighti Hybrids.** Hybrid of Chalcedonica and Haageana. Extraordinary color shades. Good for bedding, about 2 ft. high, blooming May and June, 2½ ft. ¼ oz. 25c, ¼ oz. 40c, oz. \$1.20.
- Alpina (R).** Neat rock plant with reddish purple flowers, 6 inches. Tr. Pkt. 25c, ¼ oz. 75c, ¼ oz. \$1.25.
- L. Viscaria Splendens.** German catchfly. Bright rose flowers on nice stems for cutting, 1½ ft. Tr. Pkt. 20c, oz. 85c.

Perennial Lupines

A valuable group for massing in the border or for cutting. Most varieties, under good conditions, grow about 3 ft. high. Not particular as to soil but thrive best under fairly cool conditions or at least where the soil is kept cool and moist.

	¼ oz.	¼ oz.	¼ lb.	¼ lb.
Polyphyllus Blue .....	.10	.25	.65	2.40
Polyphyllus Rose .....	.15	.45	1.10	4.00
Polyphyllus White ...	.10	.30	.80	3.00
Polyphyllus Mixed ....	.10	.25	.70	2.60
Downers Hybrids. A fine range of colors, early and long blooming. ¼ oz.				
	15c,	45c,	¼ lb. \$1.20,	lb. \$4.50.
Harkness Regal Hybrids. Many new colors and art shades. ¼ oz.	15c,	oz. 50c,	¼ lb. \$1.35,	lb. \$5.00.
New Hybrids Mixed. Our own mixture of the newer hybrid types. A real bargain. ¼ oz.	20c,	oz. 60c,	¼ lb. \$1.60.	
Sweet Scented Hybrids. A wonderful mixture with yellow, purple, apricot and pink shades in sweet scented varieties. ¼ oz.	20c,	oz. 60c,	¼ lb. \$1.60,	lb. \$6.00.

Separate Colors

Autumn Tints. Buff and orange shades. ¼ oz.	25c,	oz. 75c.	
Blue King. Intense blue with long and elegant spikes. ¼ oz.	25c,	oz. 75c.	
Brightest and Best. Bright red with long spikes. ¼ oz.	25c,	oz. 75c.	
Cross Roads. Shell pink. ¼ oz.	25c,	oz. 75c.	
Chocolate Soldier. Yellow and violet bronze, making a beautiful contrast. ¼ oz.	35c,	¼ oz. 60c,	oz. \$2.00.
Gold Crest. Yellow with deeper yellow wings. ¼ oz.	25c,	oz. 75c.	
Moerheimi Pink. Compact growing with rose and white flowers. ¼ oz.	25c,	oz. 75c.	
Rose Queen. Pure rose. ¼ oz.	25c,	oz. 75c.	
Sunshine. Yellow. ¼ oz.	15c,	oz. 50c.	
Tangerine. Golden, orange and terra cotta. ¼ oz.	25c,	oz. 75c.	

Arboreus Varieties

The Tree Lupines grow 3 to 6 ft. tall, shrubby form.

Golden Yellow. Bright yellow flowers.

Snow Queen. Very fine pure white.

Either variety: ¼ oz. 20c, oz. 60c.

New Russell Lupines

A marvelous new strain the seed of which is now being offered for sale for the first time.

Russell's Lupines bear enormous well-rounded, long symmetrical flower spikes, often 3 feet or more in length, each spike a mass of gorgeous color. The colors include shades never before seen in Lupines. The individual flowers are above average size and are very closely set on the stem. All the flowers on a spike open at one time, and the flowers keep well when cut. These Lupines won the coveted Gold Medal from the Royal Horticultural Society in June 1937, and have gained intense admiration wherever exhibited. With every packet we provide cultural directions written by Mr. Russell.

Pkt. Prices—12 seeds 25c, 50 seeds 65c, 120 seeds \$1.25, 250 seeds \$2.50.

Lythrum—Loose Strife

Roseum Superbum. Likes moist soil and fits in well for banks of streams and ponds. Bears spikes of rosy purple flowers in July and August, 4-5 ft. ¼ oz. 20c, oz. 65c.

Myrrhis—Sweet Cicely

Odorata. A medicinal herb with finely cut fragrant foliage and white flowers. Does best in shade. Start the seeds early, as soon as available, 2 ft. Tr. Pkt. 25c, oz. \$1.00.

Myosotis—Forget-Me-Not

Alpestris Varieties

The Alpestris are usually handled and grown like Pansies. They are spring bloomers and seed sown in July will make splendid blooming plants the following spring. Seeds sown in January or February in the greenhouse will also make good blooming plants by spring. They are biennials.

Alpestris Blue. Clear blue. ¼ oz.	20c,	oz. 60c.	
A. Indigo Blue. Deep blue. Tr. Pkt.	20c,	¼ oz. 35c,	oz. \$1.20.
A. White. Pure white. Tr. Pkt.	20c,	oz. 75c.	
A. Rosa. Nice pink. Tr. Pkt.	20c,	oz. 80c.	
Alpestris Mixed. Tr. Pkt.	20c,	oz. 80c.	
A. Blue Basket. New strain with rich very deep blue large flowers. Plants upright splendid for borders or cutting. Tr. Pkt.	25c,	¼ oz. 60c,	oz. \$2.00.
Messidor. Later blooming deep blue with long stems. 12 inch. Tr. Pkt.	20c,	¼ oz. 50c,	oz. \$1.80.
Blue Eyes. Bright blue with white eyes. Large and early flowering. Tr. Pkt.	25c,	¼ oz. 70c,	oz. \$2.40.
Blue Bonquet. An erect and compact grower of the pillar type, 1 ft. high. Bright blue, free flowering. Tr. Pkt.	25c,	¼ oz. 60c,	oz. \$2.00.

Matricaria—Feverfew

Feverfew is valuable for indoor greenhouse growing as well as for the outdoor garden. Seed started in October will give an excellent spring flowering crop for cutting. Not always hardy in Northern states.

Capensis Alba Double. For cutting 15 to 18 inches tall, pure white double and semi-double flowers. ¼ oz.	20c,	oz. 60c.	
Grandiflora Double White. A fine strain for the florist, coming almost 100% double with large pure white flowers, 1½ to 2 ft. Tr. Pkt.	35c,	¼ oz. 65c,	oz. \$2.00.
Dwarf Double Snowball. Dwarf compact bushy plants excellent for borders. A mass of double white flowers throughout late summer and early fall. 12 inches. ¼ oz.	30c,	¼ oz. 55c,	oz. \$1.80.
Dwarf Golden Ball. Golden yellow form of above. ¼ oz.	30c,	¼ oz. 55c,	oz. \$1.80.

Monarda—Bergamot

The Monardas are excellent for the wild garden or hardy border. Planted in masses they are very striking and brilliant.

Cambridge Scarlet. The bright scarlet variety, most popular of all. Varies somewhat grown from seed. Tr. Pkt.	50c,	¼ oz. \$1.00.	
Didyma Hybrida. Rose and reddish shades. 2½-3 ft. Tr. Pkt.	25c,	¼ oz. 60c,	oz. \$2.20.
Fistulosa. The blue native Bergamot. Pale blue flowers in midsummer. 2½-3 ft. ¼ oz.	25c,	¼ oz. 45c,	oz. \$1.50.

Phlox

Decussata Fancy Mixed. Seed taken from the finest named varieties. Seed germinates very slowly. It may be hastened by freezing. Late fall is a good time to sow. Tr. Pkt. 25c, ¼ oz. 50c, oz. \$1.80.

Physalis Chinese Lantern Plant

Franchetti. Produces showy orange scarlet seed pods or lanterns for fall and winter decorations. ¼ oz. 20c, oz. 60c.

Victoria Compacta Alpestris Varieties

This group grows only 8-9 inches tall, erect and compact, excellent for pots, bedding, borders. Baskets of this type made up of blooming plants for spring sales go quickly in the markets.

	Tr. Pkt.	¼ oz.	oz.
Compacta Blue. Clear blue..	.25	.45	1.50
Compacta Deep Blue. Indigo	.25	.60	2.00
Compacta Rosea. Pink....	.25	.70	2.40
Compacta Alba. White....	.25	.70	2.40

Palustris—Perennial Myosotis

Palustris or Swamp Forget-Me-Not is used for all summer bloom outdoors. They prefer shade or partial shade and fairly moist soil. With us they grow about a foot to 18 inches high.

Palustris Semperflorens. Excellent ever-blooming strain, bright blue. ¼ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Various Myosotis

Dissitiflora. Excellent early strain for winter blooming with clusters of large light blue flowers. Compact 8-9 inches tall. Tr. Pkt.	35c,	¼ oz. \$1.10,	oz. \$4.00.
Oblongata Perfecta. Winter blooming strain that bears its flowers for a long period and is in bloom quickly from seed. Sky blue flowers with white centers, 1 ft. ¼ oz.	25c,	¼ oz. 40c,	oz. \$1.20.
Oblongata Blue Bird. Dark blue strain, 1 ft. ¼ oz.	30c,	¼ oz. 55c,	oz. \$1.80.

Nepeta—Catmint

Also called Ground Ivy. Desirable low border or rock plants and splendid for ground cover. Does well most anywhere, even on dry sunny spots where it is hard to get other plants established.

Mussini (R). Gray green foliage with masses of lavender blue flowers in the spring, and blooming to some extent all summer, 1 ft. Tr. Pkt.	25c,	¼ oz. 50c,	oz. \$1.80.
Souvenir d'Andre Chaudron (R). Improved strain with large bright blue flowers and upright growth, 1½ to 2 ft. Tr. Pkt.	35c,	¼ oz. \$1.00.	
Cataria. Catnip, strongly scented. ¼ oz.	20c,	oz. 60c.	
Maerantha. Larger and more bushy plants than Mussini. Violet flowers. 2 ft. ¼ oz.	25c,	¼ oz. 45c,	oz. \$1.60.
Nervosa. Distinct from Mussini. More attractive neater foliage of deep green. Clear light blue flowers from midsummer to late fall, 1 ft. Tr. Pkt.	25c,	¼ oz. 60c,	oz. \$2.00.

Oenothera, Evening Primrose

Give them a sunny situation in the border or in the rock garden and they will bloom practically all summer.

Missouriensis (Macrocarpa) (R). A prostrate or trailing variety, having quantities of large yellow flowers from June to August. Perfectly hardy. ¼ oz.	20c,	¼ oz. 35c,	¼ oz. 60c,	oz. \$2.00.
Fraseri. Free blooming pale yellow. Plants somewhat drooping. Tr. Pkt.	25c,	¼ oz. 75c.		
Youngii. Strong growing more erect variety 18 to 24 inches tall bearing large golden yellow blooms almost continuously. Likes a moist spot. ¼ oz.	20c,	¼ oz. 35c,	¼ oz. 60c,	oz. \$2.00.

False Dragon Head Physostegia

Virginica Rose. Long spikes of delicate pink flowers in July and August. 3-4 ft. ¼ oz.	25c,	¼ oz. 40c,	oz. \$1.40.
Virginica Alba. White flowering. Variable from seed. ¼ oz.	25c,	¼ oz. 45c,	oz. \$1.60.

Penstemon

Graceful plants in a great variety of colors. Valuable for borders and for cutting and some varieties for rock garden.

Gloxinoides, Sensation. Beautiful spikes of large flowers spotted like Gloxinias. They bloom practically all summer. Need protection in winter as they are not real hardy in the North. 2 ft. high, bushy plants. May be grown as annuals blooming well the first year from early sown seed. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, $\frac{1}{2}$ oz. 60c, oz. \$2.00.

Heterophyllus, Blue Gem (R). Bright gentian blue with darker shadings, in bloom June to August. $1\frac{1}{2}$ ft. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, $\frac{1}{2}$ oz. 60c, oz. \$2.00.

Grandiflorus. One of the best. Thick leathery leaves at base of stem and long spikes of lilac to purple flowers. Flowers May and June, and is a long lasting cut flower. $2\frac{1}{2}$ -3 ft. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c, oz. \$2.40.

Digitalis. White flowers tinted violet. 3 ft. $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 45c, oz. \$1.50.

Ovatus. Well formed bushy variety with rich purplish blue flowers. Good for cutting or the sunny border. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, $\frac{1}{2}$ oz. 60c, oz. \$2.00.

Pubescens, Pygmaeus (R). Dwarf variety for rock gardens. Flowers clear blue with white lower lip. 6 inches. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$2.40.

Chelone is related to the Penstemons. See also that heading.

Platycodon

The Platycodons belong to the Campanula family and resemble them in many respects. They form neat branched bushy plants with attractive foliage and open bell-shaped flowers. Long blooming season July to October. Not particular as to soil and like full sun.

Grandiflorum Blue. Fine bright blue. $1\frac{1}{2}$ to 2 ft. high. $\frac{1}{4}$ oz. 20c, oz. 60c.

Grand White. White flowered form. $\frac{1}{4}$ oz. 20c, oz. 70c.

Mariesi Dwarf Blue. Dark blue flowering dwarf compact strain. 15 inches. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$2.40.

Mariesi Dwarf White. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$2.40.

Excellent New Strain

Mammoth Early Flowering (Gigantea Praeox). This new strain has flowers $3\frac{1}{2}$ to 4 inches across and starts flowering in June. Seed started in spring will produce plants that bloom the same season from August on. Plants bushy, growing to a height of $2\frac{1}{2}$ ft.

Mammoth White, Mammoth Blue, Mammoth Mixed.

Either color or mixed—Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Polemonium—Jacobs Ladder

Easily grown border perennial with flowers borne in terminal corymbs.

Coeruleum Grandiflorum Blue. Large deep blue flowers in May and June. 2 ft. $\frac{1}{4}$ oz. 15c, oz. 50c.

Grandiflorum White. White flowered form of above. $\frac{1}{4}$ oz. 20c, oz. 60c.

Richardsoni. Excellent early flowering dwarf variety with large bright blue flowers. $1\frac{1}{2}$ ft. Tr. Pkt. 20c, oz. 80c.

Reptans (R). Small rock garden or low border form growing only 6-8 inches tall, with deep blue flowers. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c.

Ranunculus

Asiaticus Superbissimus. Lovely flowers easily raised from seed. Many fine colors in mixture, of double, semi-doubles

Hardy Poppies

Nudicaule or Iceland Poppies

Imperial Jewels Mixture, New for 1938

The flowers are beautifully frilled and fluted. Many semi-double and 4 to 5 inches in diameter, with good stiff 18 to 24 inch stems. The color range is almost unlimited, all shades of yellow, orange, nearly red, white and pink trim. The lightest to deep rose, as well as apricot buff and chamois. You need this strain for cut flowers and plant sales. Tr. Pkt. 35c, $\frac{1}{4}$ oz. \$1.00.

Poppy Yellow Wonder

The bright buttercup yellow flowers grow 4 inches or more across. They stand up well on long stems 18 to 24 inches tall. Excellent for cutting because of long lasting qualities. The largest and finest yellow Poppy. Tr. Pkt. 30c, $\frac{1}{4}$ oz. \$1.00.

Separate Colors

Emperor. Large full flowers, with broad overlapping petals. Rich orange shade. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c.

Coonara Pinks. Fine selection of the pink shades. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

El Monte. Large flowers of tangerine orange. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Single Orange Single Yellow

Any above 3— $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Best Hybrid Mixtures

The Empress. Large flowers with broad overlapping petals giving almost a double effect. The color range is unique with lovely shades of salmon rose and creamy pink. Long stems, excellent for cutting. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c.

Sanford's Giant Special Strain. The flowers are immense silken cups in the bolder brighter colors, scarlet, orange, golden yellow and white. The length of stem is another outstanding feature. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Sunbeams Hybrids Mixed. A fine medium priced mixture of large flowering, yellow and orange shades. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Gartref Strain. A selection of delicate shades, such as creams, buff, amber and apricot, with the lighter pinks also. Most of the flowers have edges picoteed with darker shades adding to the attractiveness. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Alpine Poppies. Miniature little Poppies for rock gardens and the low part of the border. Only about 8 inches tall with small cup-shaped flowers. They bloom the first year from seed sown early and are usually grown as hardy biennials. Mixed colors. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.00.

Potentilla

Nice border plants with brilliant showy flowers in June, July and August.

Atrosanguinea. Deep blood red flowers, $1\frac{1}{2}$ ft. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Appennina Aurca (R). Alpine species with yellow flowers. 6 inches. $\frac{1}{4}$ oz. 20c, $\frac{1}{2}$ oz. 35c, oz. \$1.20.

Nepalensis (Formosa) (R). Excellent variety for borders and for cutting as well as rock garden. Light cherry and buff salmon tinted flowers. 1 ft. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Nep. Miss Willmot (R). Free flowering dwarf variety with bright carmine flowers. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.



Iceland Poppy, Sanford's Giant

Oriental Poppies

They are easily grown from seed, though the separate varieties with the exception of the Scarlet do not come 100% true.

Double Olympica

Our seed was taken from specimen plants of this beautiful double Flaming Orange Scarlet Poppy. Very early and free flowering. Variable from seed but you will get a fair percentage of the true doubles. Tr. Pkt. 50c.

Oriental Scarlet. Enormous bright scarlet with contrasting black at base. $\frac{1}{4}$ oz. 20c, oz. 60c, $\frac{1}{2}$ lb. \$2.00.

Beauty of Livermere. Rich deep ox blood red. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Mahoney. Very tall crimson maroon. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 55c, $\frac{1}{2}$ oz. \$1.00.

Mrs. Perry. Salmon rose. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.00.

Perry's White. Large white blushed pink. Tr. Pkt. 50c, $\frac{1}{2}$ oz. \$1.00.

Princess Victoria Louise. Flowers tulip shaped, somewhat smaller than others, but perfectly formed and striking salmon orange in shade. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Rembrandt. Flaming orange scarlet. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Martins Excellent Hybrids. This mixture is far superior to ordinary Oriental Hybrids as it really contains all shades known to Oriental Poppies, from blush white to deep purple and all intermediate shades of scarlet salmon, rose, etc. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Prunella

A low growing, shade loving plant for rockery or border. Rounded heads of flowers are evident nearly all summer. Plants 10 to 12 inches high.

Grand Blue (R). Deep violet blue.

Grand Rose (R). Dark foliage and bright rosy or lilac pink flowers.

Either colors—Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

and singles. 1 ft. $\frac{1}{4}$ oz. 25c, oz. 80c.

Rosemary

Officinalis. Favorite herb with fragrant, light blue flowers. Give a warm dry situation and a little protection over winter. $\frac{1}{4}$ oz. 20c, oz. 70c.



Primula, Polyanthus, Teicher's Giants. Flowers larger than a Half Dollar Coin

Hardy Primulas

Auricula, Alpine Primrose

An excellent rock garden species. 4-6 inches tall with pretty spring flowers. The florets are arranged in rounded heads.

Auricula Choice Mixed. Tr. Pkt. 35c, ¼ oz. 70c, ½ oz. \$1.20, oz. \$4.00.

Auricula Prize Flowered Giant Mixed. Greatly improved strain of many choice shades. Tr. Pkt. 50c, ½ oz. \$1.50, ¼ oz. \$2.75, oz. \$10.00.

Various Primulas

Bulleisiana Hybrida. Yellow, orange, apricot and red shades. Very showy. 1½ ft. Tr. Pkt. 35c, ¼ oz. \$1.00.

Bulleyana. Large spikes of apricot yellow. 1½ ft. Tr. Pkt. 35c, ¼ oz. 75c, ½ oz. \$1.40.

Cashmiriana. Very early flowering with dense heads of lilac flowers. 2 ft. Tr. Pkt. 50c, ½ oz. \$1.00.

Cortusoides. Very dwarf, 6-8 inches tall with rosy purple flowers. Seed quick and strong in germination at most any season. Tr. Pkt. 35c, ¼ oz. 75c.

Japonica—Japanese Primrose. Deep purple flowers on long spikes. 20 inches. Tr. Pkt. 50c, ¼ oz. \$1.00.

Japonica Atrosanguinea. Rich blood crimson. Tr. Pkt. 50c, ¼ oz. \$1.00.

Japonica Mixed. Purple, lilac crimson shades. Tr. Pkt. 35c, ¼ oz. 80c, oz. \$3.00.

Littoniana. A striking variety with long slender spikes. The buds are crimson, the flowers opening up to an attractive mauve shade. 1½ ft. Tr. Pkt. 50c.

Lissadell Hybrid, Red Hugh. Bright orange red. 1 ft. Tr. Pkt. 50c, ¼ oz. \$1.50.

Officinalis. The yellow English cowslip. 10 inches. ¼ oz. 35c, ½ oz. 65c, oz. \$2.20.

Officinalis Hybrida. Sweet scented cowslip in various shades of yellow and gold. Tr. Pkt. 35c, ¼ oz. 80c, oz. \$2.80.

Pulverulenta. Rosy purple flowers. 20 inches. Tr. Pkt. 35c, ¼ oz. \$1.00.

Sikkimensis. Sweet scented, drooping yellow flowers. 18 inches. Tr. Pkt. 50c, ¼ oz. \$1.20.

A Very Popular Primula

Vulgaris. The true yellow primrose. 6 inches. Tr. Pkt. 35c, ¼ oz. 80c, oz. \$3.00.

Saxifraga

Valuable rock garden plants not difficult to grow and not particular as to soil.

Hybrida Bedding Queen. Fine variety with deep carmine flowers. 8 in. Tr. Pkt. 50c, ¼ oz. \$1.00.

Cordifolia (Megasea) (R). Masses of deep green foliage with bright pink flowers in early spring. 1 ft. Tr. Pkt. 50c.

Mossy Varieties Mixed (R). An excellent mixture of the dwarf mossy varieties. Tr. Pkt. 35c, ¼ oz. \$1.00.

Polyanthus Primrose

Primula Veris Elatior

The Polyanthus group of hardy Primulas is of great value to the florist and nurseryman. Early spring flowering, they are at their best on the partially shaded border or rock garden in rich moist soil.

Choice Mixed. Yellow, gold and mahogany shades. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Martin's Excellent Mixed. An outstanding strain with large flowers, set well above the foliage and a fine assortment of fancy colors. Grown under first class conditions they make excellent cut flowers. Tr. Pkt. 35c, ¼ oz. 80c, ½ oz. \$1.20, oz. \$4.00.

Giant Munstead Strain. Large flowered, in fine colors, mostly of the lighter shades. Tr. Pkt. 35c, ¼ oz. 80c, ½ oz. \$1.20, oz. \$4.00.

Special Giant Strain (Teicher's). Very large flowers on long stems set well above the foliage. Effective as pot plants, and for cutting as well as bedding. All shades, white, yellow, pinks, red, lilac and violet. Tr. Pkt. 50c, ¼ oz. \$1.20, ½ oz. \$2.00, oz. \$7.50.

Veris Acaulis, Giant Mixed. Round bushy plants, full of flowers and excellent for potting. Shorter stemmed than our Polyanthus (Veris Elatior). A splendid forcing strain for bloom from February until late May. Flowers 1 inch in diameter in choicest mixed colors. Tr. Pkt. 35c, ¼ oz. \$1.20.

Separate Colors

Blue Flowering. Rare. Tr. Pkt. 50c.

Giant Bright Eyes. Yellow with orange eye. Tr. Pkt. 50c, ¼ oz. \$1.20.

Giant Crimson and Scarlet Shades. Tr. Pkt. 35c, ½ oz. 90c, ¼ oz. \$1.60.

Giant Orange. Rich shade. Tr. Pkt. 50c, ½ oz. \$1.20.

Giant Purple Shades. Tr. Pkt. 50c, ½ oz. \$1.20.

Giant White. Tr. Pkt. 35c, ½ oz. 90c, ¼ oz. \$1.60.

Giant Yellow. Tr. Pkt. 35c, ½ oz. 90c, ¼ oz. \$1.60.

Gold Laced. Mahogany brown edged yellow. Tr. Pkt. 35c, ½ oz. 80c, ¼ oz. \$1.50.

Kleynil. Rich golden yellow, shaded apricot. A wonderfully good variety. 100 seeds 50c, 500 seeds \$2.25, 1000 seeds \$4.00.

Senecio

The Clivorum varieties make excellent border plants. Like moist soil.

Clivorum Orange Queen. Large flowers with rich orange petals and dark centers. 3-4 ft. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Cliv. Othello. Purple foliage, deep orange flowers. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.

Pyrethrum

Painted Daisy

Valuable plants for the border and for cutting. They are perfectly hardy and easy to grow. The flowers are borne during May and early June and occasionally a second crop may be cut later in the summer. Plants 2-2½ ft.

Atrosanguineum. Dark Red shades. ¼ oz. 25c, ½ oz. 40c, ¼ oz. 70c, oz. \$2.40.

Roseum. Shades of rose and pink. ¼ oz. 30c, ½ oz. 50c, oz. \$1.60.

James Kelway. Velvety scarlet with contrasting golden yellow centers. ¼ oz. 30c, ½ oz. 50c, ¼ oz. 80c, oz. \$2.80.

Single Mixed. Includes white, flesh color, pink and rose shades to deep crimson. ¼ oz. 25c, ½ oz. 40c, oz. \$1.20.

Grandiflora Single Mixed. A better color assortment of extra large flowered varieties. ¼ oz. 30c, ½ oz. 50c, oz. \$1.80.

Double and Semi-Double Mixed. The very finest strain of double available and including some beautiful specimens. However, it is impossible to offer you a strain approaching the 100% double type. Tr. Pkt. 35c, ¼ oz. \$1.00, oz. \$3.60.

Parmiacaefflorum (R). Entirely distinct type with silvery white, graceful feathery foliage. Nice for pots, for bedding and edgings, so valuable in florists work. Tr. Pkt. 35c.

Rudbeckia—Cone Flower

Provide a wealth of flowers for cutting and the plants thrive most anywhere.

Newmanii (Speciosa). Blooming in the autumn. Large orange flowers with black centers. 2 ft. ¼ oz. 25c, ½ oz. 40c, oz. \$1.20.

Hirta—Black Eyed Susan. Summer flowering variety of orange flowers with dark brown or black center. 2 ft. ¼ oz. 20c, ½ oz. 35c, oz. \$1.00.

Hirta Hybrids. Shades of yellow, golden, buff — self colors, and others zoned orange, maroon and mahogany shades. 2 ft. Tr. Pkt. 25c, ¼ oz. 50c, oz. \$1.80.

Purpurea and Purpurea Hybrid. See Echinacea.

Hardy Salvias

The Salvias or Meadow Sages are valuable border plants and for the most part easily grown, doing well in most soils.

Argentea. Large silvery white leaves and white flowers. 3-4 ft. ¼ oz. 20c, oz. 60c.

Azurea Grandiflora. An interesting mass of clear Belladonna blue flowers in August and September. Long racemes of blue reaching up to 5 ft. Tr. Pkt. 25c, ¼ oz. 50c, oz. \$1.60.

Pratensis. Neat border plant about 2 ft. high with spikes of deep blue flowers. ¼ oz. 25c, ½ oz. 40c, oz. \$1.50.

Pratensis Tenori. An improved form, long blooming with larger bright blue flowers. Tr. Pkt. 25c, ¼ oz. 50c, oz. \$1.80.

Turkestanica. Effective white flowers tinged pink and lilac. 3-3½ ft. ¼ oz. 25c, ½ oz. 40c, oz. \$1.50.

S. Farinacea Blue and Patens. We recommend growing as annuals. See Page 23.

Saponaria—Soapwort

Easily grown perennial for the border or rock garden. Try them on most any soil.

Ocymoides Splendens (R). Trailing, branching plants covered with rosy pink flowers May to July. ¼ oz. 20c, oz. 60c.

Officinalis, Bouncing Bet. Loose spikes of white flowers. 2 ft. Tr. Pkt. 20c, oz. 80c.

Officinalis Double. Much improved with fine double pure white flowers. 2 ft. Tr. Pkt. 25c, ¼ oz. 60c, oz. \$2.00.



Scabiosa Caucasicca, House Hybrids

Sempervivums

Perennial Varieties Mixed. Many kinds. Tr. Pkt. 35c, 1/4 oz. \$1.25.

Sidalcea

Excellent border plants, erect growing, branching, blooming freely during mid-summer. They are not particular as to soil and like full sun.

Candida. Long racemes of white flowers. 2 ft. Tr. Pkt. 35c, 1/4 oz. \$1.25.

New Hybrids. All shades of pink and rose, also salmon, lilac and heliotrope. 3 ft. 1/4 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Rosy Gem. Lower growing compact variety with bright rose pink flowers. 1 1/2 ft. 1/4 oz. 25c, 1/4 oz. 40c, oz. \$1.20.

Rose Queen. Most popular of all with lively rose pink flowers. 3 1/2 to 4 ft. 1/4 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Silene—Catchfly

Mostly of dwarf habit suitable for rock gardens or low edgings. They like a sandy soil.

Alpestris (R). Very fine with its masses of glistening white flowers from May to July. 6 inches. Tr. Pkt. 25c, 1/4 oz. 55c, oz. \$3.20.

Asterias Grandiflora. Taller growing with round heads of scarlet crimson bloom. 1 1/2 ft. Tr. Pkt. 35c, 1/4 oz. \$1.10.

Maritima (Sea Pink) (R). Thrives in hot dry spots. Carpets of bluish green foliage bearing masses of light pink flowers from June to August. 3 inches. Tr. Pkt. 35c.

Saxifraga (R). Mossy foliage bearing a profusion of white flowers during the summer. 10 inches. 1/4 oz. 30c, 1/4 oz. 55c, oz. \$1.80.

Schafta (R). Of trailing habit with rosy purple flowers. 6-8 inches. 1/4 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Sisyrinchium

Ancyps (Blue Eyed Grass) (R). Grassy tufted foliage, pretty blue flowers. 6 in. Tr. Pkt. 25c, 1/4 oz. 55c, 1/4 oz. \$1.00.

Stachys

Lauata. A dense mass of silvery white wooly foliage and clusters of light purple flowers. Excellent for edgings, 1 ft. 1/4 oz. 20c, oz. 60c.

Scabiosa

Scabiosa are not particular as to soil, providing it is well drained, and they prefer full sun. Their long stems and excellent lasting qualities make them valuable cut flowers.

Caucasicca Blue. Lilac blue flowers of good size. 1/8 oz. 30c, 1/4 oz. 50c, oz. \$1.80.

Caucasicca Alba. Pure white, liable to vary a little. 1/8 oz. 35c, 1/4 oz. 60c, oz. \$2.20.

Fischeri. Fine variety, with large flowers of rich deep blue. Flowers late in summer and into autumn. Excellent stems for cutting. Tr. Pkt. 35c, 1/4 oz. 70c, oz. \$2.40.

Isaac House Hybrids. Martin's Excellent Strain. The finest strain of Caucasicca Hybrids ranging in shades from the palest blue almost white to the deeper shades of blue. Flowers extra large of fine form and substance. Tr. Pkt. 35c, 1/4 oz. 80c, oz. \$3.00.

Japonica. Free blooming, clear lavender. 1/4 oz. 20c, oz. 60c.

Statice, Sea Lavender

An extremely valuable class of plants for the border, the rockery or for cutting material. The masses of fine flowers can be cut and dried for everlasting bouquets.

Altaica. Excellent blue flowering variety, 2 ft. 1/4 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Caspla. Large heads of lilac flowers. 2 1/2 ft. 1/4 oz. 35c, 1/4 oz. 60c, oz. \$2.00.

Dumosa. Bushy plants carrying heavy cushion-like sprays of silvery flowers on stiff wiry stems. It is an improved Tatarica. 1 1/2 to 2 ft. 1/4 oz. 30c, 1/4 oz. 50c, oz. \$1.60.

Elegantissima. Improved form of Latifolia with large heads. It has desirable branching habit which allows of full use of the flowers for floral work. Tr. Pkt. 35c, 1/4 oz. 60c, oz. \$2.00.

Gmelinii. An excellent variety for border or for cutting material. Has many large branching panicles of rich violet blue flowers. It blooms later than Latifolia giving a long cutting season. 1/4 oz. 35c, 1/4 oz. 60c, oz. \$2.00.

Incaua (Tatarica). Small white flowers, excellent for dyeing. 1/4 oz. 20c, oz. 60c.

Latifolia. During July and August this favorite variety is a mass of fine light blue flowers which have a misty effect. Very profitable for cutting. 2 1/2 ft. 1/4 oz. 25c, 1/4 oz. 40c, oz. \$1.30.

Puberula. An entirely distinct variety growing only 5 to 6 inches high with very large heads for a small plant, made up of dense clusters of deep violet flowers. Protect over winter. Tr. Pkt. 35c, 1/4 oz. 90c.

Stokesia—Cornflower Aster

Cyanca Blue. Thrifty plant with deep green leaves, with flowers of azure blue somewhat on the style of the annual cornflower. Full bloom in August. 12-15 inches. 1/4 oz. 25c, 1/4 oz. 40c, oz. \$1.20.

Cyanca White. Similar to blue except in color of flowers. 1/4 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Stipa—Ornamental Grass

Pennata, Feather Grass. Long tufted feathery spikes for bouquets. 2 ft. Tr. Pkt. 25c, 1/4 oz. 55c, oz. \$1.80.

Thermopsis

Carolinianum. Somewhat resembling a yellow Lupine. In June and July the plants produce long racemes of yellow pea-like flowers. 3 ft. 1/4 oz. 35c, 1/4 oz. 60c, oz. \$2.00.

SWEET WILLIAM Dianthus Barbatu

Martin's Single Giant Mixed. An extra large flowering strain of very bright colors. 1/4 oz. 20c, oz. 60c.

Standard Single Mixed. 1/4 oz. 10c, oz. 30c.

Exhibition Auricula-Eyed Mixture. Large flowers and flower heads in many colors each floret with a distinct large eye. Very showy. 1/4 oz. 25c, oz. 80c.

Double Mixed. Somewhat variable but a large percentage fully doubled flowers. 1/4 oz. 20c, oz. 60c.

Dwarf Mixed. Plants only 4 to 6 inches high, yet free blooming in many colors. Make ideal plants for selling in baskets in full bloom like Pansies. Tr. Pkt. 25c, 1/4 oz. 60c, oz. \$2.00.

Margiatus (Hunt's Perfection). Dark crimson with contrasting eye and margin of white. 1/4 oz. 15c, 1/4 oz. 25c, oz. 80c.

Giant White. Extra fine very large pure white. 1/4 oz. 20c, 1/4 oz. 35c, oz. \$1.00.

	1/8 oz.	1/4 oz.	oz.
Dark Crimson. Rich shade..	.20	.60	
Holborn Glory. Various colors, all with white eyes...	.20	.60	
Newport Pink. Salmon pink, most popular of all.....	.15	.25	.80
Nigrescens. Deep red almost black .....	.20	.60	
Pink Beauty. Rosy pink....	.15	.25	.80
Scarlet Beauty. Bright scarlet .....	.15	.25	.80
Turkey Red .....	.15	.25	.80
White Beauty .....	.20	.60	

Teucrium

Chamaedrys (R). Valuable rock and ground cover plant of spreading habit. Attractive gray green foliage and rose purple flowers. 6 inches. It does well even on dry barren soil. Tr. Pkt. 25c, 1/4 oz. 80c, oz. \$2.80.

Thalictrum

Meadow Rue

An excellent group of plants for the hardy border. Easy to grow in sun or shade and some varieties are valuable for cutting.

Adiantifolium. Pretty fern-like foliage, and yellow flowers. Excellent dwarf variety. 1 ft. 1/4 oz. 20c, 1/4 oz. 35c, oz. \$1.00.

Aquilegifolium Varieties. These have attractive foliage resembling the Aquilegia. The flowers are in graceful plumes. Plants about 3 ft. tall and splendid in the border.

Aquil. Lilac Rose. 1/4 oz. 30c, 1/4 oz. 60c, oz. \$2.00.

Aquil. Hybridum Mixed Colors. 1/4 oz. 25c, 1/4 oz. 40c, oz. \$1.40.

Dipterocarpum. Very valuable for cutting with its loose panicles of lilac rose or mauve shaded flowers. Attractive fern-like foliage. 4-5 ft. 1/4 oz. 25c, 1/4 oz. 45c, oz. \$1.50.

Glaucum. June blooming with yellow flowers tinted bronze. 3-4 ft. 1/4 oz. 25c, oz. 80c.

Thymus—Thyme

Serpillum (R). A creeping plant with strongly scented hairy foliage that is excellent as a ground cover. Makes a green carpet that may be walked on without injury so it is one of the best plants for planting between stepping stones or in walks. Pretty purple flowers. Tr. Pkt. 35c, 1/4 oz. \$1.00.

Serpillum Coccineum (R). Bright red flowers, very effective. Tr. Pkt. 35c, 1/4 oz. \$1.20.

Vulgaris, The Common Thyme. Agreeable aromatic odor. 1/4 oz. 15c, oz. 50c.

Tritoma—Red Hot Poker

Valuable showy border plants that produce brilliant spikes of bloom effective as a mass in the border, and also excellent for cutting. In the North they need protection over winter or the roots must be taken up.

Pützgers Hybrids. The showiest of all. Immense spikes of the bright scarlet and orange. Comes surprisingly true from seed showing some variation. 4-5 ft. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.60.

Early Flowering Hybrids Mixed. These bloom the first year from seed sown early. Shades of yellow, orange and red. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Trollius

Trollius produce the biggest crop of flowers during May and June. In cool summers they bloom more or less throughout and then again more fully in the fall. They like cool moist soil. Trollius is usually slow in germination and is benefited by freezing.

Earliest of All. Early and very free flowering, golden yellow. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.20, oz. \$4.00.

Ledebouri. Prolongs blooming season, flowering later than the others. Rich orange. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.30, oz. \$1.80.

Ledebouri, Golden Queen. New splendid strain late blooming. Very large deep orange flowers. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 90c, $\frac{1}{2}$ oz. \$1.60, oz. \$6.00.

Europens, Golden Ball. Fine yellow ball-shaped flowers. Late blooming. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$3.20.

Hybrida Orange. Large golden orange. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.60, oz. \$6.00.

Mixed Varieties. Includes many of the new early flowering varieties and later sorts in all shades of yellow, gold and orange. Tr. Pkt. 25c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.20.

Tunica

Saxifraga (R). Very profuse blooming little plant for the rock garden or low border. Lilac pink flowers in bloom all summer. 8 inches. $\frac{1}{4}$ oz. 20c, oz. 60c.

Valeriana

Rubra. Showy heads of reddish purple flowers are borne for the entire season from June to October. The flowers are nice for cutting. 2½ ft. $\frac{1}{4}$ oz. 20c, oz. 60c.

Alba. White flowered form of the above. $\frac{1}{4}$ oz. 20c, oz. 60c.

Officinalis. The very sweet scented garden Heliotrope. One of the most deliciously fragrant flowers known to the hardy garden. The small white tinted rose flowers are borne in showy heads. 3-4 ft. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20.

Verbascum

Tall growing showy perennials for the background of the border. They do well in ordinary soil.

Harkness Hybrids. Vigorous growing with large spikes of candle-like bright yellow flowers. Grow as a biennial. 6 ft. $\frac{1}{4}$ oz. 25c, oz. 75c.

Phoeniceum Hybrids. The graceful spikes in various shades of white, pink, salmon and violet. Perennial variety. 3 ft. $\frac{1}{4}$ oz. 20c, oz. 60c.

Yucca—Adam's Needle

Filamentosa. Clumps of slender bayonet-like leaves with immense branching spikes of drooping flowers of creamy white. 5 ft. $\frac{1}{4}$ oz. 15c, oz. 40c.

Violas

Cornuta and Cornuta Hybrida Varieties

Some varieties are hardier than others and in case of doubt give some protection over winter, in the Northern States. They vary some from seed but in general come quite true. They will bloom the first year from seed started in January or February or may be sown in summer for the following springs bloom.

Admiration Cornuta. Large dark blue. $\frac{1}{4}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Apricot Hybrida. Very fine yellow, blotched apricot and orange. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, $\frac{1}{2}$ oz. \$1.00, oz. \$3.60.

Arkwright Ruby, Hybrida. Wonderful large rounded flowers of ruby crimson with terra cotta and darker markings. Fragrant. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

Avalanche, Hybrida. Fine large flowered pure white. Compact habit. Better than White Perfection. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 80c, oz. \$2.80.

Black Prince. Rich, almost black. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Blue Perfection, Cornuta. Large flowered fine light blue. $\frac{1}{4}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Chantreyland Hybrida. A beautiful pure apricot shade. Free flowering. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.40, oz. \$4.80.

Cyclops, Cornuta. Deep violet with large white eye. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

G. Wernig. Fine long stemmed violet blue, trifle lighter than Jersey Gem. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 80c.

Hona, Cornuta. Deep purple. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Jersey Gem. (Blue Gem), Cornuta. Considered the finest deep violet blue. We have an excellent strain. Tr. Pkt. 50c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.75.

Lord Nelson, Graecilis. Blooms very freely in April and May and more or less continuously throughout the summer. Glowing violet-purple shade. We recommend it very highly. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 80c, oz. \$2.80.

Lutea Splendens. Free blooming, bright yellow. $\frac{1}{4}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Mauve Queen, Cornuta. Light mauve blue. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Papilio Light Blue, Cornuta. Upper petals light blue, lower white with dark veining. $\frac{1}{4}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.80.

Veronica

Excellent subjects for the rock garden or hardy border. They like full sun, and rich well drained soil.

Blue Fay. Valuable new variety, upright 2 to 3 ft. tall carrying many spikes of bright lavender blue. Excellent cutting or garden variety. Tr. Pkt. 25c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00.

Elegantissima. Charming pink variety, quite tall with good stems. Tr. Pkt. 35c.

Incana Blue. Semi-dwarf variety with silvery foliage and azure blue flower spikes, 1 ft. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$3.00.

Longifolia Blue. Late blooming variety with clusters of tall spikes of deep blue, a very rich grade. 2 ft. $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.20.

Long, Henderson, Nana. Dwarf and deeper blue than Longifolia. 12-15 in. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 80c, oz. \$2.80.



Viola, Blue Perfection

Primrose Dame Hybrida. Very large pale yellow coming quite true from seed. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 80c, oz. \$2.80.

Primrose Perfection, Hybrida. New variety, large light bright yellow, coming very true from seed. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

Puck, Cornuta. A fancy rich colored variety, the upper petals purple, the lower, golden yellow. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Rose Queen. Rich rose shade. Tr. Pkt. 35c, $\frac{1}{4}$ oz. 80c, oz. \$2.80.

Spring Messenger, Cornuta. Bright rich purple blooming very early and for a long time. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

White Perfection, Cornuta. Large white blooms. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

W. H. Woodgate, Cornuta. Large long stemmed flowers, of amethyst violet. Tr. Pkt. 50c, $\frac{1}{8}$ oz. \$1.20.

Yellow Queen Hybrida. The finest deep golden yellow. Large size and good substance. Comes true from seed. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

Cornuta Mixed. Good mixture of Cornuta or tufted pansies. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Martin's Large Flowered Mixed. Containing the larger flowered kinds and many of the new varieties. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.40.

Viola Odorata—Hardy Violet

Late fall or winter sowing for germination the following spring is desirable.

The Czar Blue. Large dark blue. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

White. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Rose. Large bright rose color. Tr. Pkt. 30c, $\frac{1}{4}$ oz. 90c, oz. \$3.20.

Rupestris (R). Dwarf trailing or spreading variety with many small blue spikes. Tr. Pkt. 35c.

Spicata Blue (R). Very free blooming variety with violet blue spikes. Quite dwarf. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Spicata Rose (R). Pure rose pink. 1-1½ ft. Tr. Pkt. 35c, $\frac{1}{8}$ oz. 60c.

Spicata White. White. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Repens (R). Very early dwarf trailing species with white and light blue flowers. 2-3 inches. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 60c, oz. \$2.20.

Teucium Royal Blue. Rich dark blue spikes on dwarf plants. 1 ft. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$3.00.

Teucium Prostata (R). Various shades of blue and rose, free blooming prostrate plants for the rock garden. 6 inches. Tr. Pkt. 25c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Gladiolus

Best Varieties for Forcing and Outdoor Cutting.

Most growers can profitably grow at least a few Gladiolus for cutting, both in the greenhouse and outdoors. Profits depend on the quality of the bulbs you plant, the varieties, method of growing, and time of flowering. Our bulbs will give you the quality and an excellent selection of varieties. They are the kinds most in demand in the cut-flower markets.

Our bulbs are carefully grown in the right kind of soil. They are well cured, clean and high crowned, young stock, free from disease and thrip.

The planting season for forcing Gladiolus is from January 10th or 15th to March 1st. Cold frame planting may be done from March 1st to April 1st. Outdoor planting may be made from the time that frost danger is past in your section to as late as July 10th.

Prices are f. o. b. Painesville, for shipment by express at customers expense. They are offered subject to price change and to prior sale.

Varieties marked * have proven the best forcers.	No. 1		No. 2	
	1½" and up	100	1¼" to 1½"	1000
Aflame, large flame red	\$1.80	\$15.00	\$1.50	\$12.00
*Albania, fine pure white	1.80	15.00	1.50	12.00
*Albatross, finest clear white, tall spike, large flowers of good substance. No. 3's @ \$20. per M. ..	3.10	28.00	2.90	24.00
*Apricot Glow, clear warm apricot, second early	1.80	15.00	1.50	12.00
Ave Maria, violet blue, purple in throat, best medium blue, early to medium	2.30	20.00	1.80	15.00
Bagdad, smoky old rose	2.00	17.00	1.60	13.00
*Berty Snow, excellent commercial lavender pink, midseason to late	2.00	17.00	1.60	13.00
*Betty Nuthall, orange pink, very late	1.80	15.00	1.50	12.00
Bleeding Heart, pink with crimson throat, No. 3's @ \$20. per M.	3.50	32.00	3.00	27.00
*Break O' Day, light, LaFrance pink	1.70	14.00	1.40	11.00
Byron L. Smith, lavender pink	2.00	17.00	1.70	14.00
*Carmen Sylva, large white	1.80	15.00	1.50	12.00
Commander Koehl, best dark scarlet red, midseason, No. 3's @ \$15.00	2.80	25.00	2.40	21.00
*Crimson Glow, popular large crimson	1.70	14.00	1.40	11.00
*Dr. F. E. Bennett, flaming scarlet, midseason to late, No. 3's @ \$12.00 per M.	2.10	18.00	1.80	15.00
Dr. Nelson Shook, rosy red	2.00	17.00	1.60	13.00
Evelyn Kirtland, fine deep pink	1.80	15.00	1.50	12.00
*Flaming Sword, one of the most dependable reds, for forcing and early outdoors, early	1.90	16.00	1.50	13.00
*Giant Nymph, excellent light pink for commercial growers, resistant to thrip, midseason.	1.70	14.00	1.40	11.00
*Gold Eagle, deep rich yellow with good spikes, very early.	1.70	14.00	1.40	11.00
Golden Dream, fine deep golden yellow, late.	1.80	15.00	1.50	12.00
Helga, one of the best salmon pinks	1.70	14.00	1.40	11.00
La Paloma, orange Primulinus	2.70	24.00	2.30	20.00
*Los Angeles, salmon pink, second early	1.90	16.00	1.50	12.00
*Maid of Orleans, creamy white, tall sturdy spikes, midseason, No. 3's @ \$20. per M.	3.50	32.00	3.00	27.00
Margaret Fulton, salmon pink, early. No. 3's @ \$16.00 per M.	3.00	27.00	2.50	22.00
*Marmora, large popular mauve or smoky lavender, midseason	1.90	16.00	1.60	13.00
*Minuet, clear lavender of good size, good substance, midseason to late	2.80	24.00	2.30	20.00
Mother Machree, smoky lavender.	3.00	27.00	2.30	20.00
*Mrs. Leon Douglas, giant salmon pink, spashed scarlet, mid-season.	1.70	14.00	1.40	11.00
*Nancy Hanks, apricot orange, early midseason	1.80	15.00	1.50	12.00
*Orange Queen, orange yellow, early.	1.70	14.00	1.40	11.00
*Picardy, outstanding apricot or shrimp pink, late, No. 3's @ \$10. M.	1.90	16.00	1.60	13.00
Pfizers Triumph, very large wide open flowers of orange scarlet, early to midseason.	2.10	18.00	1.80	15.00
Primrose Princess, leading large light yellow, late.	2.00	17.00	1.70	14.00
*Red Phipps, large glowing red, with long spikes, early to midseason. No. 3's @ \$20. per M.	3.10	28.00	2.70	24.00
*Spirit of St. Louis, fine orange saffron, early.	1.90	16.00	1.60	13.00
Veilchenblau, violet blue, early to midseason.	2.50	22.00	2.00	17.00
*Violet Beauty, cerise violet, blotched red.	1.70	14.00	1.40	11.00
*Virginia, excellent scarlet, midseason	2.00	17.00	1.70	14.00
W. H. Phipps, popular LaFrance pink, late.	2.00	17.00	1.70	14.00
*White Butterfly, good white forcer, early.	2.30	20.00	1.90	16.00
*Yvonne, lovely blush pink, very vigorous second early.	2.00	17.00	1.70	14.00
Excellent Florists Mixed, well balanced of named varieties.	1.80	15.00	1.50	12.00

Points on Gladiolus Forcing

Use good quality well cured bulbs. The No. 1 size gives best results, producing good spikes a few days earlier than smaller sizes. It is seldom profitable to plant before January 15th. Earlier plantings bloom no earlier and come a larger percentage blind.

Plantings made in late January and early February usually flower in 110 to 120 days. March 1st plantings of some varieties will flower in 90 to 100 days. Grow varieties that are recommended for greenhouse culture. Not all varieties are good for forcing.

Gladiolus may be planted in pots, raised benches or ground beds. There should be plenty of depth to the soil if the benches are used. Avoid soil too high in nitrogen. Soil that is good for Carnations is good for Gladiolus. Cover the bulbs with 2½ inches to 3 inches of soil and keep well supplied with moisture.

A 50 degree F. temperature is best for starting the bulbs. This may run up to 58 or 60 degrees F. during sunny days.

Tuberous Begonia Bulbs

A good assortment of Tuberous Begonias in bloom in pots will greatly help your late spring and early summer sales. They make ideal bedding and box plants for your customers. No plant produces brighter or more richly colored flowers.

Tuberous Begonias also have increasing value as cut flowers.

Bulbs are usually ready for shipment in January and for early bloom, start them into growth during late January and early February.

DOUBLE CAMELIA FLOWERED. The flowers of this type are large and fully double, coming almost 100% true. This is the most popular type, available in following colors: **white, pink, rose, scarlet, crimson, yellow, orange, salmon and mixed.**

THE GIANT SINGLE TYPE. Available in same colors as Doubles and the Mixed.

DOUBLE PENDULA OR HANGING BASKET TYPE. The best for hanging baskets, etc. Our strain is entirely double and exceedingly free blooming. Available in following colors: **white, pink, rose, red, yellow, salmon and mixed.**

DOUBLE FRILLED. Large flowers, in form, like a Carnation. The petals are fringed with serrated edges. Available in same colors as Doubles and Mixed.

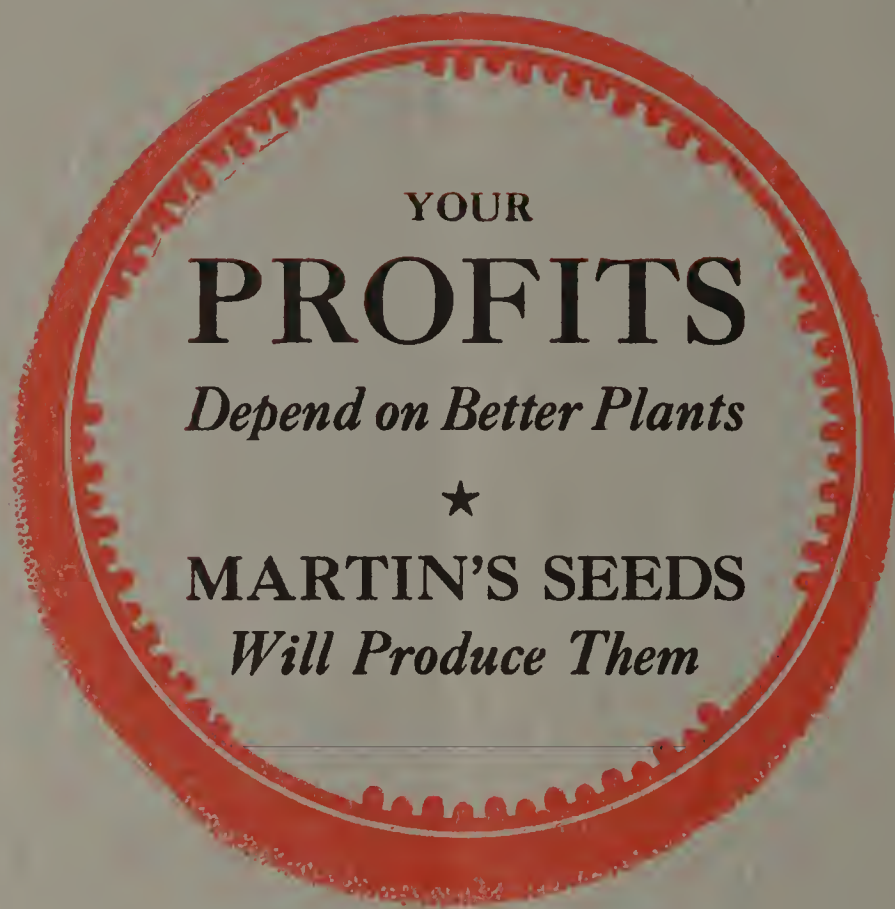
Prices on all types and colors.

Prices apply on all colors and mixtures of the types we offer. They are subject to change and to prior sale.

	doz.	100	1000
1½ to 2 inch (most popular size)	1.60	11.00	95.00

Martin's Splendid Hardy Plant Catalog

The new edition for Spring, 1938 will be ready about February 15th. You should have a copy if you grow any hardy plants and if you have not been receiving former issues, a request from you is all that is necessary. Address either the Joseph F. Martin Co. or The Martin-Pratt Seed Co.



YOUR

PROFITS

Depend on Better Plants



MARTIN'S SEEDS

Will Produce Them